

<211> 813  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(813)  
 <223> n = A,T,C or G

```

<400> 2522
atntntttacc ccttttcgant cegtttgetgt cggttttatat ccaggatccg tgccttttcca      60
ccgggtgtggt tgggcccaga ggcagcccaa ngagtgggtgc tcttctgtcc agatgagcct      120
tgggtgcccag aatggaaaag aaatcaggca tcggcctaag aggaactgaa agcaccacca      180
actcttttcca gggccctcat tttgaataga attctctctg ggtggcagca gactcagctc      240
tgggacattt tgcctccacc tggaccttgg aggctgacag tggggagggc tgggcctaga      300
ggaagagcag aaatggggaa tatttgggaag cggaggctgc tggacacaga gacctcctgt      360
tgggggtagt acgtggagac agaaccctgc ttctgggcat cctggggtag tactcacagg      420
ggcagggggc ccangcatct tgccagagcc aaaaataatg agccaangct cacatccctg      480
cagttggctt ctcaatcacc gttcagtacc ttctatgacc cccaagtaca aggtggncct      540
taaccatttt tcaaatgcct tncactnttc ttccttttcc ccaatttcta aanggggtct      600
ttgggaagtt ccactttgaa cctgtgggtt tcaactttgg aaccgaaaat gttttaagga      660
aatttngggc caaggaaaaa aactacttcc ntctattggg taagcccttt gaatgggaaa      720
gggttttttc ttgaaaccaa gtngatttta aaaatcccca ttggggggng gggtttcccc      780
aaaaaaaccc ttncnttttt natttaaacc ttt                                     813
  
```

<210> 2523  
 <211> 1619  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1619)  
 <223> n = A,T,C or G

```

<400> 2523
ccccccccac ccnccngac ccnnaacna ngggannann nnaannnnnnn nncnncngnn      60
ngnnnnnecg naannnnnncn aacnangnaa ccgnnnanncn ngnnnnnnnnn cnnnnagnan      120
aggnaanagg aggangccgg nengcannncn cgnnnnccng naggcgngcg cagccggacn      180
ngngaggnnnc cnnccgnggc ggaanccacn gcgcnangcg gancgnacnn gngnngaacn      240
caccnncnnc nncnncnncn tcgggatacn ggaaaaccct ttngngaaaa ancccncca      300
ngnnngacac aagaagnenc acaccangac cccnncnccc ancgngncn ancgcgngn      360
gngggccaat tenacccent cncnaagag cncaacngcg ccagnnncna acnggencag      420
naccnngnag gancaannac ganaaaanng nacgccnggc acagcanncg nacgnnncac      480
gcncnngnec accncccgcn ggggnnggan annccacgnc gcgacgnaag ccgnccgcg      540
cggcacnacg accgcncca cgnccgagc naggcggaag cagccgccc gngangacan      600
ncnagnnng cgngncngag cgcanacgnn acnncangca naccngancn gagcacnacg      660
cggcncaccc ncccgcnagn nncaaaacnc nncaccnagg ancnngcnan cccgcgnc      720
cngcgncgca cngcgcanng nagnacnccg cgaccaagcg nccgngcgca ngaacgnnag      780
caacgaangc ggcgcnngcg nncgcnnga ncnaacggac gcacgcgcn cagcngcgng      840
nagacggacc nggnngacac cncagnnecg ncncgagacn ncgcnngcc ggcgaacgac      900
cncgcccggg nngggcacgc cacaacnggc gcncnncgca ccnggcnca nnnannnaag      960
caggaccgca gagaacgnaa cgnacagac gacanacanc gagggngacc acgcacagcc      1020
gngcancnna gcnacnggc gncaancaca cggcgacggn cngcgcgagq cnacgctngn      1080
gnacngaacn aaacgggacc gcggggacgn cannacacga nnncgcacgc gngcgncgac      1140
ncggcnccgn angcgagaca acgaaagcgn cgnnanngca acnncacgcn cccaaagcac      1200
acgnaanggc ncaggagngg ccnaaaann ganacctgcg cacgngngcg caccgagacg      1260
agcacgcgag acggcncgcn gagggnaagc gagacgcaa caggcgcgcc gacgagcggn      1320
  
```

|            |             |            |            |            |            |      |
|------------|-------------|------------|------------|------------|------------|------|
| cencagnccg | aaccgnagna  | acccggggac | gnncgncgnc | gcgangecga | cgcnnnaccg | 1380 |
| agacgcaccg | aancacaccg  | acgacgcac  | gcgnagccaa | aacganaagg | gngggcnacc | 1440 |
| ggacaggnaa | ngganccgaac | agcnacgcca | ccgnacgnaa | cgcaccgcac | gggcaggcnc | 1500 |
| gggacganac | annnnaangn  | agncannccg | gcgacgggaa | acgcncgcgt | acgcagnngn | 1560 |
| aaancgnnan | cgcaengcgn  | ccgggnacac | gncccgcac  | gnanacggac | gngncgcen  | 1619 |

<210> 2524

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 2524

|            |             |            |             |             |             |     |
|------------|-------------|------------|-------------|-------------|-------------|-----|
| nttttacent | cgnttcganc  | cgttgctgtc | gaatctgtaa  | acctttatga  | cattaggaac  | 60  |
| taagaaaact | tagtcccttc  | gttaggggga | taatgaaatg  | tatttaqtqt  | ttgtgaaaca  | 120 |
| tagatgggta | tgtatttggg  | acaattctgt | aactttgctt  | tttttatttt  | tatttttcca  | 180 |
| tagcttattg | gggaacaggg  | tgggtgttgg | gttacatgat  | ttaaagttctt | tagtgggtga  | 240 |
| tttgtgggat | tttgggtggac | ccatcaccca | agcagtgtac  | actgcaccct  | atttghtaatc | 300 |
| ttttatccct | cgccccccctc | ccaccatgcc | tcccgctctac | catgatgatc  | ctgtttttaa  | 360 |
| taagaaaata | ccatttcgca  | ggctccagat | gttctggcat  | cctccctgtg  | gatttcccag  | 420 |
| tgctgcagc  | tcacaggaca  | acaggggctg | tggttagagtc | acctatgaga  | tcctggagta  | 480 |
| gtggatggag | gagatggaac  | agtgaagacg | gaaactgagc  | tcagtatccg  | ggtgccagga  | 540 |
| gacaaaggcc | ctttgctttt  | tttcatttaa | tattctgate  | tacccctgtt  | gacacatgtt  | 600 |
| aaagtatagt | cattttgact  | gctatgtatt | atgttccatt  | ggggggaaca  | tactggaatt  | 660 |
| gtcacttcaa | tctatactgg  | atctcctggg | tgtattttaa  | aggtttngtt  | tttttaagta  | 720 |
| gttgggtatt | tccaactnaa  | acctcaaaaa | actttt      |             |             | 756 |

<210> 2525

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2525

|            |             |            |             |            |             |     |
|------------|-------------|------------|-------------|------------|-------------|-----|
| tntntnccgc | tntcgcgatn  | ccgttgctgt | cggagaaacc  | aaacaggtaa | aagcaagtgg  | 60  |
| tgaagccaca | tggattaatg  | agatgataga | aagtacaaaa  | tcactatgta | agtcagatta  | 120 |
| aaaagccagc | ttgcactctc  | tgctttcatc | tttttgaagc  | aataactatt | acataaatca  | 180 |
| gtgaatacag | tattttctaca | gtatttgaaa | cgggtgttcac | acccagcaat | tccacttcta  | 240 |
| gacatatatc | caagagaatg  | gaaaacatgt | gcacacaggc  | acttgtacat | gaatatttat  | 300 |
| ggaagcatta | ttcaccaatag | ccaaaaagtg | gaaacagtc   | aaatggccat | caagatgaat  | 360 |
| gaataaataa | aatgtagtgt  | gtgcatgcag | tggaatatta  | tttgcccata | aaaagaaatg  | 420 |
| aagcactgat | gcaggctgca  | acatggatga | acttgaaagc  | tttatgctac | gtgaaagaag  | 480 |
| ccagtcataa | aagggtcacct | actgttattc | ctttcatagg  | aaatatccag | ataggcaagt  | 540 |
| ccatagagac | agagaggaga  | ggagtgggtg | ccaggggctg  | ggcaaggaga | atgagagtga  | 600 |
| ccgctatggg | tgtggcattt  | ctttgtgagg | naatgaaaat  | gtctgtttag | atagtgggtga | 660 |
| tcattgcaca | ctctatgatg  | tctaaaaaca | ttgattgtca  | cttgaagaat | atttagllgt  | 720 |
| attattctag | ttaaaaaaat  |            |             |            |             | 740 |

<210> 2526

<211> 722

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2526  
 gagggctatg tccatgcggn cctcaaacna cgtaacatat tgtggagtgc agagaatgaa 60  
 tgttttaaac tcattgaact tggacttanc ttcaaagaag gcaatcagga tgtaaagtat 120  
 attcagacag acgggtatcg ggctccagaa cagaattgca aaattgcttg gcccangctg 180  
 gcttcagag tgatacagaa tgtacctcag ctgttgatct gtggagccta ggaatcattt 240  
 tactggaaat gttctcagga atgaaactga aacatacagt cagatctcag gaatggaagg 300  
 caaacagttt ctgctattat ttgatcacat atttgccagt aaaagcaant ggtgaatgcc 360  
 gcaattccag cctatcacct aanagacctt atcaaaagca tgcttcata tgatcccaag 420  
 caggaagaat ttctnctgaa atggcattgg tgcancatct tcttttagcna ttccttttgc 480  
 cctcatatt gaagatctgn tcatgctttc cactccagtg gctaagactg ctgaatgtgc 540  
 tgggntgatg attatcttga gaatgaaaqa aggattatga agatgttgtt gaayaignta 600  
 aaagaagaag tggcaaaaat nttggaccag ngggattctn tacttggtnc caaaaggaaa 660  
 aatccttggc annaaggana angtctttgg ttgagtattg ccaaagtctg gnggatttcc 720  
 ct 722

<210> 2527  
 <211> 1163  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1163)  
 <223> n = A,T,C or G

<400> 2527  
 gggngggggn nngngggggn annnngggnn caannanang ngnnnnnnna nnnnnnangg 60  
 naanggnngg gggnggggnaa ngaaaaannn nngcnnnaan ccnnaggggg gagaagnann 120  
 nnnnangggg nannaannnc gncngganen ggnanggnna aannnnngaan gggngngngg 180  
 annnecgana aggnncacgg annngganag ggnnnnggan nnnnnncaan nngangggag 240  
 annnngnnna anccannnnn nnnngnnnnn tcnngnncn naaagcccc tncgggnaaa 300  
 gnnnnggggg gggggancaa ggganggacg gaccgngca cagaggccac caccanacnc 360  
 gaccennagg ggaggggaagg ggaagccnnt nnttcccan gcnggaagag gancgcneg 420  
 canngggggn gggaggggga nanaggngcn nggnnagcnc acngnnagac gngcnnng 480  
 ggaggacgag aggnagacac ngncgagana gncaggcgag cagagcnagg aagcgcnccg 540  
 ggggggggag aggcgaanag gcagcnaaag ggnccatcgg agagnggncg ccaggcgacn 600  
 ncggcgcneg gcnagnncn nngnangana nagccganga ncggnnccc nancgncga 660  
 gcacaggng agcgggagan nggngngaa cngngcngg cagggggcn cagganangg 720  
 agggaccgca ngaccangnn agagcnnngg ggcagggggg cngnganaa cacnggnaaa 780  
 gncccggcgg gaaggggnanc cncggnggg nncncennn nccngngng gggngcnnn 840  
 ggngggngg ncgncnncgg gnnccgcnnn nngcacggac cgcacacgn ggacgagag 900  
 gcnagcggg gccgnaggng ccngngngcc annaagacag agcngcggga ngananggac 960  
 ancgggagag naggggcnng gnnccgncac gngcggngac gngggagnga gacggggagn 1020  
 ngncnannca nagnngaagg gngcgggnc gannnggnn acnccggnga ngagnaancn 1080  
 nnggggcneg nnnccngng aaannngga gnaccngna ggcanangan cgnannnnaa 1140  
 gaaaggngaa nanaccccc nec 1163

<210> 2528  
 <211> 1347  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1347)

<223> n = A,T,C or G

<400> 2528

|             |            |            |             |             |             |      |
|-------------|------------|------------|-------------|-------------|-------------|------|
| nnngnnanan  | nnnnnnnnnn | aaanngnnnn | nnnnnnnnngn | nnnnnnnnnn  | nnnnnnnnnn  | 50   |
| nnnnnnngcn  | nnnnnnnnan | nnnnnnnnan | nannngggnn  | nnnnncnnnn  | cnnnnnngnn  | 120  |
| nnnnngnnngn | nnagnnncng | nnnannngna | nnnnnnngngn | ganngggnnn  | ngnnnnnnnn  | 180  |
| nnnnncgnng  | nnannnnann | gcannanan  | nnnnnnnnnn  | nnngnnnnnn  | nnntccntaa  | 240  |
| tcctnnaaaa  | accccttttt | ggggaaaaaa | ccccccnnna  | nnnnnnnnng  | nnnnngnnagg | 300  |
| gaancnnn    | ngcncgcn   | ttnnntnnnn | nnngnggcgc  | nnatnnann   | gcgnnnnatn  | 360  |
| ncncggtttt  | ttttttttcn | nnncgngnan | nnngangnann | aggaggagg   | nnnngtttag  | 420  |
| agnngngcn   | anngagaacn | ttttnnacna | nnccganncn  | cgnacngcn   | gngnaanann  | 480  |
| gngngacng   | acngncnaga | nngncngana | ngacncggan  | gacagnnacn  | cannnnnggan | 540  |
| gnnncgacng  | nncnagnag  | aganccngca | gggacaagcn  | ggggcgcgga  | nnanangcga  | 600  |
| cggnnnnnagc | ccccancana | cnancngnng | nnngcagnaa  | nnqnnccaga  | cgnnagagan  | 660  |
| aayagngacn  | gagcnnngtc | annccggcna | ngnnngnacn  | ggngnggna   | ggcgcgacgc  | 720  |
| gagnangaga  | nnncgaanga | cganggnnnn | nnccgaggnn  | ggagacnacg  | nnnnnnnnag  | 780  |
| nnnagcgngc  | angaannagg | nnccnganna | ngaaggaaac  | ggcgagnann  | nnaccgancg  | 840  |
| annaangann  | ganacgnngc | nnngcaagna | nggtngnana  | ngnnnnngga  | nggcangcan  | 900  |
| ggnnangnaa  | nnngannnga | nnccnaaggc | nnngcngann  | annccnangc  | acnnngnacg  | 960  |
| nnangacaaa  | nganancgna | agggaacgg  | ggagcggnaa  | gcggnaaacna | agcggcgngn  | 1020 |
| ngcacaangn  | cnngggcggn | gcannangga | cgngnnccgn  | acnagnnnnng | acngngaang  | 1080 |
| cangacnaac  | gngnnnggaa | agggnngagn | annnnanggc  | aacgnnnnng  | gnnccgnnnag | 1140 |
| ncanggnanc  | ggaacnggaa | ngnanangna | gggcaanana  | cgcgnaancn  | angnnncgca  | 1200 |
| cggcnacgca  | ncgnnngcnn | annnnngcgn | ccnnnggaac  | gnangnanac  | gcaaanancg  | 1260 |
| nnnggggancg | angtntcgac | ngngnagnca | gnangnaggg  | acngannnat  | gganngangn  | 1320 |
| acggganggan | ngaancncag | acnggcg    |             |             |             | 1347 |

<210> 2529

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1126)

<223> n = A,T,C or G

<400> 2529

|             |            |            |            |             |            |     |
|-------------|------------|------------|------------|-------------|------------|-----|
| gnnccgcnngn | ngngngnnng | gnggnggngg | nnngngnnng | nnnnngnnng  | ngnnnagggg | 60  |
| nnngnnngna  | nnnnnnngnn | nnngcgnggg | nggnnnnggn | nnngannccg  | ggggnngtn  | 120 |
| nnnggcnngga | nggnnnngng | gnggnggnag | gngcngnnng | nnnnnnnnng  | nnnnnnnnnn | 180 |
| nnngnatntg  | ntttttngga | ccttggggna | gncnggcngn | gnggggcngg  | agnggcgtn  | 240 |
| ggnggcgnnn  | gncnnngggg | gggcgngggg | naactttntn | ggggttttag  | gcngccgcn  | 300 |
| gnnccgcnngg | gggggagcgc | nagggnggng | ggngcggtgg | gngggngtag  | ccngggngga | 360 |
| gaggnngagg  | cggnnagggg | ggngnggggn | ngcgagaggc | aaccggnatga | agacgaggca | 420 |
| ggggantggc  | ngnggncgcg | ngnnngggcg | ngcgccgcnt | gtcngggggg  | aggggnggn  | 480 |
| nggcagggng  | gcgcggggg  | ggggcggggg | nnnggggagn | gngggganga  | ggcncggggg | 540 |
| gggncgagct  | tgannnggg  | gngnggggat | ggcggnctgg | ggagggcggn  | gttgnnggag | 600 |
| cgnnccgggc  | gaggggggag | ctgngagggg | ggggcgggag | cgcggnngan  | nggagngngg | 660 |
| gngggggggn  | ntncgangan | gggagggcg  | ggangaggnc | ggntagaang  | gnatngccgg | 720 |
| gtggggcgag  | ggnggganga | ngggngtcgg | gtnagggngg | tggggggggg  | aggnngggg  | 780 |
| gnnccnngg   | ntggagggg  | ngnnnnnnnn | gagggngggg | ngacnanggg  | gnnnagggg  | 840 |
| gagaaggngg  | ggtagccggg | gnannccgcg | gcggcggtat | ggncggagga  | nagggnggga | 900 |

|            |            |            |            |            |            |      |
|------------|------------|------------|------------|------------|------------|------|
| gggggntgga | gggggngngg | gnggcggcnc | catgnngggg | ngggggtngg | gagggncngn | 960  |
| gaggagngg  | gnnggggggg | ntgcannagc | tangngggag | atcggggngn | cgnnngtgan | 1020 |
| gngacgggan | ggtgnnagng | anagngtgng | ngnggcngag | cggggtgnng | atngctnagc | 1080 |
| gnaggagcgc | gcgtgtnnag | nacggcgga  | ggngggcggg | ggagcgc    |            | 1126 |

<210> 2530

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(989)

<223> n = A,T,C or G

<400> 2530

|            |            |            |            |            |             |     |
|------------|------------|------------|------------|------------|-------------|-----|
| gnnnnngnnn | nnnnnnngn  | nnngnnnnnn | nnnnnnnnnn | ngnnnnnggg | gnnggnnggn  | 60  |
| gnnnngnnng | gggngngggg | nnnnnnngnn | ngnnnggggn | nggnnnngnn | nnngnnngnn  | 120 |
| ngnnnnngnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnt | ggngngtcgn | gagacccttn  | 180 |
| gggngnncc  | cgggcngcgc | gcengngccc | ngcgcgggcn | gggngggggg | ggnggcangg  | 240 |
| ncaggcgggg | cnctgcggg  | gtcctgcccc | nccnncngag | gacncgggcc | nnccgggnccn | 300 |
| gcggcgngnn | ccaggcgng  | nggggcngng | accngggccn | cgacnncncc | ngggannccn  | 360 |
| gcgcnagcgg | cggggnccnc | nggcgggaca | gngcgngggc | ngncnngngg | ccnngggaca  | 420 |
| nagagacggg | gcncggngng | cccngcgccc | gngggnggga | gcccnggggn | ngnncnncnca | 480 |
| gacncccg   | ggngngggga | cnggggnccc | cnggnggggn | ggggaccaag | gancccgccc  | 540 |
| ggcncgggng | ggggggccag | ccncccnccg | ggcngngggc | cggggggggc | cgnggncggg  | 600 |
| cgnggcnc   | nnngcccng  | ccngggccc  | nnngcggggn | cccnngggcn | ggnggggggn  | 660 |
| ggaagcagnn | gncnnccgn  | cgancgnngg | gggggncngg | ggnnnagggg | gnggnggggg  | 720 |
| gcncnccng  | gggggggncg | nnngggnggg | gggggggana | nggcnnnggn | ggcggnnggg  | 780 |
| gcccaggnnn | ncgggcggng | gncnngggg  | ccnccccnn  | cngaggggna | nggnccnngg  | 840 |
| ggggggaggg | ggnggnggnc | cnngnggnnc | gnggngggnc | gggngggggc | ncngganacg  | 900 |
| nnngggggnn | ggccgggggc | cccngccngg | gnggggggna | naagcnnng  | nnngggggng  | 960 |
| gggggggggg | ccnccccnc  | ccccngcg   |            |            |             | 989 |

<210> 2531

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2531

|             |            |            |            |             |             |     |
|-------------|------------|------------|------------|-------------|-------------|-----|
| ttaatcttac  | cccttnccan | tcctgtctgt | cgtttgtaca | gtattttctac | tttttattct  | 60  |
| aatcaactgg  | actgttgcac | tatttttatg | tagattgcta | acaaggtttt  | tgaagaaaca  | 120 |
| ctcttaaaaag | tcataaaaag | gaaaatcttg | acagttctgg | gatattgcca  | cccttgacct  | 180 |
| tttgagaaaa  | tgtagacagc | atctcccagg | catgacgcct | agggatcgtg  | tttatctgtc  | 240 |
| atcagttggg  | gactccatgt | ttattgagca | ctggctataa | gccagacttg  | gtgaggggact | 300 |
| gaaacaatta  | caagacacag | ttctgcactg | gaagaaatag | gaatcaacct  | aagatttcct  | 360 |
| gtcctgctag  | gtcatcaggt | tcctgtccca | ctactttcct | tcctctacca  | aattcactta  | 420 |
| tggcctccaa  | gtagtgtaac | tatcaatagc | acccctttca | ctccccaaaag | tgtcctaatt  | 480 |
| tggagagtaa  | gttgtatgat | caccctacct | acagtctgcc | tgtttttccaa | tgcacacttt  | 540 |
| gtctctcccc  | tgtctttgtt | acatgtgtgt | cctgaggcca | ctttccagat  | ggtcttcctc  | 600 |
| tgtcattact  | ccagcatgtc | antgctttgc | tcaaaaactg | ctaactgggg  | tcttcattgn  | 660 |
| gggtaaataa  | tccattttct | tatatcatgt | agccnaaagc | tctntttccaa | tttggaataa  | 720 |
| ctaanagtaa  | ctcctattca | tgaacaggac | n          |             |             | 751 |

<210> 2532  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

```

<400> 2532
nctccaaaaa tttgcttgat cttgggtctt gttcagggca gaaagagata atacaaggct      60
ttggtgatgc ttagcatttt agaagaagta atgctgggtg ggaaatggat ttggcagtct      120
cgtttttcgc atcattggaa tgggagtcct tcacagttgg agacaggatg aagtaacaga      180
gcgtggggat ctggattaac aggtggccat tcgcagaaaag gaggctgcaa agcaagaggt      240
gggggcttct ggctgagcag gaagtgggag aggggcatcc ttgtgaggag cacctgtagt      300
gctgggggtt ggccacaggc aggcagagga ctttatctga tcctctcaaa taattttgcc      360
tctgcttgga agggttctag ctacaaaggc aacatagcag gtagtgcttg ggtgtgatgg      420
tgataggcac agcgggtattt taaatactgg tggtagatct tangaaaaag aangtgacga      480
gtncctgggg aaagtccctt gtggtggccc atgactcacc cgtggcccca aggggaccay      540
aaccagaacc aagggaagaa ttccatcaac cgaatgggaa accctttgtct tttttaaggg      600
ggaccaagga aancctttttt tttgtgttgg gttgggccct ggtnggcctt attgaaggaa      660
gaaggtggaa canttttnaa acnaaaaacc ccanggcccc nttttttt      708
  
```

<210> 2533  
 <211> 1199  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1199)  
 <223> n = A,T,C or G

```

<400> 2533
gaatagtgtg aaaaaccccc aaantntntn naatttccgn gaaaaanattt cccccgggtn      60
ttgggccttg ggttnccgan aaaaaaaaaa tttttccncc caagnttatt ccaccccccc      120
nctttacgag cntnggtggg ttttnctttn ccaannngan natgggaach ccggnagnnn      180
ngngngctan taataaatta nnatacnatn nnnagttntg gannataata tanannaaen      240
annnattacg gnggagtant tttnttacta tnaanancaa atntgtnaca ntactnaata      300
ttgananatg tnataaatta aatagaacaa tattnnnatt ntaaaaggaa naaaatatna      360
ttananatna anagnnngaa gtanaataat aanataattn nntatnatte tatggaatan      420
aattanaata taactnaatn nttntaanen ganncttaca atctctntgt ntatatnana      480
anaatcgaaa attattactt actanataata aantatntan tcatnntnna aatnntaata      540
tanatatent tacaatanat nattattaat aacttaaana aacananctc ntatannttn      600
atancnanat aatacanana anatttgatt nataatnana tannnaatta atttataata      660
tatanttate nannataaaa nnatntatna natntnnan aaatatangn anaantactt      720
atatchanaa atanttaaaa naaatatcna ctantaatag aactacattt atttanatca      780
ttcatnnant ttcatagan anntatnaaa tentattatt nacannntnat ttaatttana      840
tntaaactta tantatnntc tacnnataac tannttaaaa tnatatnnan ttattnanat      900
aatanatate tantataaat ananntanat aataaattta atnttactna ntatatatat      960
tnataagctn ttnntatata tagatnatan gaacnnantn atattnnatt anaanataen      1020
nanatatgta tatatanate ttacntnttt catatataat ntntnttnac atatatnaat      1080
ntatctatct anttcatcaa tactatttna tacaattata aacattatnc tnnattttnn      1140
naaatatata ttatnanta nntntntctc annntatana taantatana annntttnt      1199
  
```

<210> 2534  
 <211> 709

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(709)  
<223> n = A,T,C or G

<400> 2534  
naaccnecgt cgantcccttg ctgtcgaaaa gaacttaaaa cgttcccaca ggcccntaaa 60  
agtcttgtga gttctggcat tgtggttcac acatcagatg cccaagttgg ccttggtcgg 120  
cagcagagga gggctttgat gggacttagg gtatcacagg tgtgctctgg ctgttgtggg 180  
gaacagactg taggcagcca gtgtggaagt gcagggacct ggaagggggt gactgcactg 240  
gccctggaag gccctggtta gaggtggtga ggttgaaaat aagggtgggg gggccggggc 300  
cggtggctca cacctgtaat ccagcactt tgggaggccg aggcaggcag atcacgaggt 360  
caggagatgg agaccatcct ggctaacacg gtgaaacct gactctacaa aaatacaaaa 420  
aatttagcca ggcgtggtgg cgagcatctg tagtcccagt tactcgggag gctgaggcag 480  
gagaatggcg tgaacccgga aggcggagct tgcagtgacc tgagatggcg ccactgcatt 540  
ccacctgggc aacaaaatga gactnecgtc caaaaaaaaa aaaaggaaaa aaaaggaaaa 600  
aaaaaaaaaa aanntntntn nggcenTTTT tttentantc cccaantttt aaaaaaantt 660  
ttgtnggatt tngcncaccc ncccccttan tntntnnnnnn nnnnnnnnnn 709

<210> 2535  
<211> 746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(746)  
<223> n = A,T,C or G

<400> 2535  
naaccacgat cgantccgtg ctgtcggttt ggtttatata taatgagggga agaagatgat 60  
tacattatTT ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata 120  
ggccaataag tcttaaactt gactacttgg cttagaagaa agtcaaaaact ccttcctttt 180  
tgactaagtg gtttgtttct ggggagctct taatttctat ttttataatc attagcctat 240  
aaggaaattg tgtcttcctt gttctcaggg tgatctgctg accttggtca ctcatgaagc 300  
atttgggtat catacttata gtgtctgaaa cataaactgt attgagctag acaagggtata 360  
gcctcctctt caagtagcaa atactatcaa aagctataat gcagtaggag caagggtggtc 420  
cttgttccag tttttgtctc agttctgctg ctgatgtacc atgatcttgg gaagggtggtg 480  
tctcagtgtg gagatctgac acattgttac cgtgcctcct ggctggaggg acttggagaa 540  
caatgcagtt aagtagaatg ggttttaacc aatacagaga aaattttatt cattttaaaa 600  
taaaaaatct ggatttttta agaacctttt aaaaagcttt tggtagcagt ggtaaaaata 660  
gaatttaaat ggtattttta acatgccttt tatcaagccn ccaaaatnaa agggattttt 720  
aaaaattttt gtccnaaaaa aattaa 746

<210> 2536  
<211> 708  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(708)  
<223> n = A,T,C or G

<400> 2536

|             |            |            |            |             |            |     |
|-------------|------------|------------|------------|-------------|------------|-----|
| naccacgatac | gaattccggt | gctgtcgcaa | tttctgagtc | tctttctatt  | taatgccacc | 60  |
| aattttctgag | gaactagagt | gcagagtggg | ttgcttttca | gcttttttcta | ttaggattca | 120 |
| gatagctttt  | taattgctgc | taatatattt | gtcattcata | ttgctttttt  | gttttcaaaa | 180 |
| ttcagttaat  | atTTTTtctt | ctcattcatt | ttgactttgt | aggttcatgc  | catttgtaaa | 240 |
| accctctttg  | ttgtcttttt | attggaattt | tgagagggag | ttaaagtgtc  | gtttttaatc | 300 |
| taccatcttt  | aaacccaaa  | tccagctatt | taatttcagc | atgaagaatt  | gcattaaaaa | 360 |
| cagagcagtg  | aatcatttta | tgaataataa | tgctggattt | tattttttaa  | aattatccta | 420 |
| gcctaaaatg  | tttaggatca | tcatagcatt | aagagagatt | tatatattgt  | aagaaatcaa | 480 |
| aaacatcgtc  | agttttcatg | cttaaagtat | ttaggatcat | aatagcatta  | agaaagattt | 540 |
| atatttggtg  | aaaaatcaaa | aacatggtea | gttttctagt | ggaaattttt  | catggcacta | 600 |
| taaatcttta  | gtaacaagat | tttctatgg  | tagnctttgg | atatcttttt  | ttttcttaac | 660 |
| agtagtttat  | aaaaaggatn | aaaagctgnc | atanggctgg | gcccagng    |            | 708 |

<210> 2537

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2537

|             |             |             |            |             |            |     |
|-------------|-------------|-------------|------------|-------------|------------|-----|
| tcctcgntcg  | antccggtgc  | tgtecgcaatt | tctgagtctc | tttctattta  | atgccaccaa | 60  |
| tttctgagga  | actagagtgc  | agagtggatt  | gcttttcagc | tttttctatt  | aggattcaga | 120 |
| tagctttttta | attgctgcta  | atatatttgt  | cattcatatt | gcttttttgt  | tttcaaaatt | 180 |
| cagttaatat  | tttttcttct  | cattcatttt  | gactttgtag | gttcatgcc   | tttgtaaaac | 240 |
| cctcttttgt  | gtctttttat  | tggaaatttg  | agagggagtt | aaatgtctgt  | ttttaatcta | 300 |
| ccatctttta  | accaaaattc  | cagctattta  | atttcagcat | gaagaattgc  | attaaaaaca | 360 |
| gagcagtga   | tcatttttatg | aataataatg  | ctggatttta | tttttaaaaa  | ttatcctagc | 420 |
| ctaaaatggt  | taggatcatc  | atagcattaa  | gagagattta | tatttggtaa  | gaaatcaaaa | 480 |
| acatcgtcag  | ttttcatgct  | taaagtattt  | aggatcataa | tagcatttaag | aaagatttat | 540 |
| atttggtaaa  | aaatcaaaaa  | catggtcagt  | tttctagtgg | aaatttttca  | tggcactata | 600 |
| aatcttttag  | aaccaagatt  | ttctatgggt  | aggctttgga | tatctttttt  | tttcttaaac | 660 |
| ngtagtttat  | aaaaaggatn  | aaaagctgnc  | atagggctgt | gcacagnggg  |            | 710 |

<210> 2538

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1565)

<223> n = A,T,C or G

<400> 2538

|            |            |            |            |             |            |     |
|------------|------------|------------|------------|-------------|------------|-----|
| caattccata | annntnnann | tacanateta | natatntntg | ntnngnnant  | tnttatatat | 60  |
| tgantaantn | tatnnatant | ctttnanggt | gaanactntc | atgtcagctn  | naanaatttt | 120 |
| anntntnagn | gggcanntca | tatattatgg | tatctgatan | nantggnatn  | ntnccntnng | 180 |
| nnnnnnnnnn | nnnnnnnnna | ccnngtatcg | antccgtngc | tgtnantata  | antnnnngnn | 240 |
| tnccccctcg | ttgangtgta | aattatnata | tagnggttnn | cacttttatat | tctttttttc | 300 |
| attatattct | ttactctttt | ctannannac | tgtntttnt  | ttnttaanat  | naatgacnta | 360 |
| nleleclant | atcnanctnt | aanaannnna | tcatanatag | anntnannta  | annnttantt | 420 |
| ataatangan | ttttattntn | antnntntnt | nattttanta | tgnattncat  | ntatnnnnct | 480 |
| ttttgatgat | aanccttnaa | natatattnt | ntatantact | tcaanntnta  | tnatcttnnt | 540 |
| nttatanant | attatatatt | tgtattatnc | tntntaacta | ntantttnt   | tantaantat | 600 |



|             |             |             |             |             |            |      |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| nattnatanc  | ncatntaatt  | tatatcttenc | actnntttnt  | ancnatcata  | ggtanattnt | 650  |
| antagtacta  | tcantgttaa  | tntatcttatt | attttgatat  | nnnacttntt  | ntatagtatn | 720  |
| ntatgtntat  | atataantna  | tatactatctt | tttatnagtt  | acatttatata | tnangtaatn | 780  |
| ttatnntttna | tngtaatntn  | ctaaaatata  | tttcgatttn  | ntcaannntn  | atntnacgtt | 840  |
| atagtantta  | cnatcntatg  | taangatata  | cgagttaata  | naannaaana  | taaaatcaca | 900  |
| antagtann   | taatagntaa  | ntatnattct  | atanatntat  | naaaatctnt  | atatatatnt | 960  |
| nattgactan  | ntaatcgnat  | atattatctn  | ncgctattnn  | annatcgtnc  | tntnagtctt | 1020 |
| tnaatnttnc  | ttanaatanc  | anntnnanaa  | ctgtnanctg  | ttnatatatn  | ntntanntct | 1080 |
| atcatnntnt  | tatctttctc  | gtataaantt  | aaatnatatt  | tatcngtntg  | nttannntat | 1140 |
| aaantntntat | taatcataaa  | cttatactna  | tcttttatac  | tcctattgac  | attncntaaa | 1200 |
| tatnntantt  | aatnatnagc  | tacaantatc  | taagctanat  | tntattgtat  | anatttanat | 1260 |
| agtntatctn  | tantctgtta  | taagtttaac  | tattantgta  | tgtgtctgnc  | acgtcatntc | 1320 |
| aattnttcta  | atactntatc  | tntntnaant  | attatgtgtn  | tgaagntatc  | tttatgtata | 1380 |
| nntgtatana  | nantnactat  | natntntata  | ngtaatatana | nttantcnaa  | gnaatantga | 1440 |
| tantctctatn | tntctntacat | nttnantatn  | tatnttnttc  | ttctcncat   | aangttcata | 1500 |
| nnttttagtta | cnntatnagt  | acaatcntta  | acgtatacga  | tcttatctct  | ncacacgnnt | 1560 |
| gatnn       |             |             |             |             |            | 1565 |

<210> 2539

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2539

|            |            |             |            |            |             |     |
|------------|------------|-------------|------------|------------|-------------|-----|
| naccncgatc | gantccgtgc | tgctcgcaaa  | atagtatttt | ctattactgt | gcaggggaaa  | 60  |
| gggatggatc | gatacatgca | aattttaatgt | agtaactcac | ttttccatat | atcttgatgt  | 120 |
| tatatctcta | tttatgatac | caattttataa | aaaataatta | cacagaaaaa | atggaatagg  | 180 |
| aaaaattatg | catctagcac | atttaaaactg | tgcaaatatg | aaaatttttc | gaggattaca  | 240 |
| ttttatctga | aggctgcata | ttttaactgg  | ctttaaaact | gtaacacatc | acataaaaaga | 300 |
| tactttacca | ggtatgtatt | gcatttatatc | attgcaataa | ttattggaag | tctagatatc  | 360 |
| gagccatccc | agggtgtggg | cggggggagg  | gttgtggcaa | gattgtcttt | tcaatttttg  | 420 |
| agagttttcc | tgtggctaca | aggcaagtaa  | cgggttgga  | aaagtctgac | tgtaagccgt  | 480 |
| tggacacctt | catagtgtag | tgtttttagtg | acttttttta | tacgggtctt | gtaaattaaa  | 540 |
| atcnttgtaa | tgggtgtttc | aaaaatgggt  | tgtttatgca | ctaattcaga | caacttttcc  | 600 |
| tggtaacttg | tcttgataaa | gtgaaaactg  | caggggaaat | aaaaaaatnc | ntntcaaaac  | 660 |
| cttaannan  | nannnnnnnn | nnnnnnnnnn  | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn  | 720 |
| nct        |            |             |            |            |             | 723 |

<210> 2540

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2540

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| tnaccttntt | cgaatccgtt | gctgtcggga | acactaatgg | ccctccctgg | aacagacacg | 60  |
| gcgccccccc | acagaatagc | ctcgatgccc | cctggaacag | cctcggtgcc | ccctggaaca | 120 |
| gcctcggtgc | ccctggaac  | agcctggtgc | tctggaaca  | gacacagccc | ccccagaaca | 180 |
| gacacagcac | ccctggaac  | agcctggcgc | ttcctggaat | ggccacatcc | ccccatcctt | 240 |

|            |            |            |             |            |            |     |
|------------|------------|------------|-------------|------------|------------|-----|
| tctgtgctgc | tttaggcate | tgcccttaag | tgggttcgtgt | ccagctctgt | caacaaggcc | 300 |
| agctccacaa | gaggccccag | ctcagccctc | cccagtgggc  | tcccctactc | aggctctggg | 360 |
| tcagcttctt | cccaggaggt | gtcctggccc | ctgtgctggc  | cccgcctcgc | tgcctggaca | 420 |
| cctgtccgtg | ccaccctggt | cactgagcag | gacatccgcg  | tctgtggccc | ctgggacct  | 480 |
| gcccccgaca | gccaggcctg | ggtttgctct | tttaggtaga  | gtgcctggtc | caggtcattg | 540 |
| gaggagaagt | ccacatggcc | acctctggcg | tgttctaaaa  | agccccctcc | gcgcttgggt | 600 |
| caggaggcca | gcacggggga | acaaggaaaa | angggggctt  | gagcttctcg | gttccctttc | 660 |
| ttnccttccc | cgaaggncaa | anaaacattt | cccattccga  | atgtccaatg | gcgcttacca | 720 |
| gaattcttcc | cnt        |            |             |            |            | 733 |

<210> 2541

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2541

|            |            |             |             |             |            |     |
|------------|------------|-------------|-------------|-------------|------------|-----|
| naccacgac  | gantccgtng | ctgtcggcct  | gggaagatat  | atgtctgatt  | ttcggacttg | 60  |
| gaagcaagat | aaaggaaaga | ggctgctggg  | ttatgggtata | gagattttca  | ctcgttaaga | 120 |
| aagtaacaaa | gtaaggaagt | aggattattg  | tagaaatatt  | attttacagt  | tcaagtttgt | 180 |
| aaaacacagg | tgaaggtaat | cgttggtggg  | tctcttctct  | tgagatcacc  | aaattatctg | 240 |
| tagactgggt | ggtagacttg | gagagaccac  | ttgttcttgg  | acaacagtta  | gaagcatact | 300 |
| gccctaagca | gtaaaaaggt | gattggtgag  | ggcagcaaga  | ggcgggtgtg  | cataccagtt | 360 |
| catttttctt | ttcttagcaa | gcattgtacta | attgcctttt  | aaaactcctg  | accatagggg | 420 |
| ataaaacgat | tacaagaaag | ataccttccc  | tgtcccatg   | gaattttacat | tctagcacia | 480 |
| cagtggatat | taaacaacgt | atcatctggg  | tatgtaatta  | cagtaataag  | aatcatgtag | 540 |
| gagaggtcaa | ggaagcttac | tgtctgtggg  | ttcaggatgg  | catctncgaa  | agtatgaata | 600 |
| aggaaagtgg | tgggagaata | aaaggagagt  | ggcagagact  | caaactgaga  | gattaattga | 660 |
| gataatgaca | attgnnggat | tcaatgaggt  | gttaatgtgt  | tagncctg    |            | 708 |

<210> 2542

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2542

|            |            |             |             |             |            |     |
|------------|------------|-------------|-------------|-------------|------------|-----|
| tnaccnntnt | tgaattccg  | ttgtctgctg  | ggaggcttac  | taaccaggta  | agccttctat | 60  |
| gcacccacac | caaaatcctg | cagaatgtaa  | gtaagctctg  | ctttataaga  | tgggttcacc | 120 |
| ttcatcgcag | actgaaagt  | tcagttttta  | tttttttcag  | aaagcacgaa  | aaattattta | 180 |
| taatagtctg | gagaaaaaac | acactgtaat  | atttcaagt   | tatgcagtag  | aatgtactgt | 240 |
| aactgagccc | tttcccat   | gtctaggctc  | caatgtctcc  | tgtagggtcca | cctaactgtg | 300 |
| tgttttcagg | gacaatgcc  | tccatgtttg  | tgtctgtagac | ttgtctgctg  | tgaatccttt | 360 |
| ctggggactt | tctcatcggg | caggggagcag | agggcttctc  | gttcatgcac  | cctttgcttg | 420 |
| aacacccatg | tagctgctgt | gttgtgtata  | tattactctt  | aaagaaagt   | tgtgtgtctg | 480 |
| tgtttgtttt | aaaagtcact | tatttcttac  | agtgatttca  | attgcaccat  | gacttcttca | 540 |
| ctaaaaccac | aaagtccctg | ttaaaactat  | ggaaaacct   | acctgattag  | agccttgact | 600 |
| atTTTTgaag | aataaatgcn | cactttntn   | ttttnaan    | tnTTggaaat  | tgagactttt | 660 |
| ggggccnttt | ttttngggg  | aatttcta    | ctgntaana   | acnttnnana  | atTTTTgan  | 718 |

<210> 2543  
 <211> 889  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(889)  
 <223> n = A,T,C or G

```

<400> 2543
annattnnnt nnaannmnta nananttnnn tttnnnannt ntnntannnn tnttnnttnn      60
tananaatntt nnttttnngg gganagtann tntntntcta tnntctntac tatnntntan      120
tntctgnggn gnttnttgna gatntatntn ctatcttnnn nnttnatnan tannnnnnnn      180
nngaataaac cnnntatcga ntccgtnggc tgtcngntgg nctgaccacc ccactcatcc      240
ccgttaacat tctctctaaa gagcctcggt catttccaaa gcagttaagg aatgggaacc      300
anagtgtttt aggacctgaa gaatctttat gactctctct ctttccactct tttttttttt      360
gccactaagt naaaagcgaa gngagagtat taacgttttt gttctcctcc ggcccntgt      420
tncaatnaag gggcaaaaagt atttgctctn agtctattec tcccttaact tctgtgacta      480
attttnattt cttttctana ttngcccaat taanactagg gtgcagncta tectgnatag      540
gtagggtnag tgggggagga atcccttggg gnagatatta ggantgctct gttgtttaca      600
aactcaggtt cccgcagggc ctancaaaga gacttaaatg actgataaaa aaccntgaa      660
aaacatgttt gnttccaggn ttnatttcan tttttccnt ttttttttt tnnaaaaaaa      720
aatntcnttt tgtcaccngn tngaangcat tgggnatn ntenctttnt tntaacctcc      780
ctnttngggn taaannaatt tcttttgcen atcncccnaa atcttanata aangccttc      840
cnncccccct gttnttttn tntttaaaaa aaantgggn tccnttttn      889
  
```

<210> 2544  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```

<400> 2544
gaccacgata gantccgtgg ctgtentnnn accgncccn cccacctgcn tncagctgcc      60
tcttnccact gggccctgct ctcagatgga agtgtcacca aacacccaga tctcgtgct      120
cctgcttctc tggagtggac acaacctgaa aaccaactgg actgagcatc cttctcctaa      180
aatctcagcc agaagccacg atggaggggc ctgggaaggg aagagatgtg aagatttctg      240
tgattctaaa accttgggtc tgccctgcaa cttctctctg atcccagccg agagctgtgc      300
acacgctagc tagccctgtc acacaatagc ccagtgttcc cgtcacaant gcctgggaat      360
gagaggcttt tgagccacag agctatgaca agtcncagg ttgaattgac tctgggagga      420
caaatttctg agagactcac gggaccctta tccaggacaa cctcacaaaa gatcccttga      480
aactgagctt tctctgcttn cgtgcataat ttgaggata aacttttctt gtgtctnegg      540
tcaanatgaa gtgaaaggat gaataattat cccaaggcta aaagntaacg naaaangtcc      600
aataagccat ccgatganna gaatatnttn ttttggaag aaagncttgt gaancatttt      660
tccattcaaa cccctggtna ngttttcccn aaagaanttt tttccccgaa naatattgtn      720
gttnggccc atnaaaaaca ctggat      746
  
```

<210> 2545  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

```

<400> 2545
naccnnnnntc gaacccgtgg ctgtcangct gaaaggccta cncattaaaa actaacactg      60
cctccccctgn agggagatag tcctttcatt ttagctcctt gcattgaaat agcattgagg      120
attaaatttg tgtaagcccc acaaaattca aaatttatgt gctttttctga ccacttgcc      180
tctagtggaa attttaagca tattagagga tatgtttctg tgggagctga tcagaatgg      240
actaggagta caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct      300
tcacacacatc gagtgcacat acaaaggtaa taaatagtat gtggctgagt tagggcttgg      360
gaccattttc tagaagattt gccctttctg caattctagt ctcataatg attggagtgt      420
aggagtttaag ttgtggagcg tctcataaat ttaactagaa tcacccctc ttaaaatcta      480
aatcaaatat tgacatatta gtcggccatt atttgattac atttttattg gtttaagcag      540
tgagagatgt tttgtgcaga atctggttgt tttcacccct aaagtaaggc attgcattat      600
ttctaaataa tcctataaag cccctaaatt aaaaaaattt aaaaccaacc cacttttnta      660
aatgaanggc nctnctagnt ttctatgggg ccagcctctc attcccggna atttcn      716
  
```

<210> 2546  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

```

<400> 2546
tnaccncgnt cgantccgtg ctgtcgctgn ctatcagtgt accggatatt tatgtaaact      60
atgactgtga cttaaatgct gccaatatat ttgaaagact agtaaatgat ctatcaaaaa      120
ttgctcaagg aaggggcagt caagaacttg gtatgagtaa tggtcaggaa ttgagcctga      180
ggaaaaaagg tttagaatgc ttagtgctga ttttgaagtg tatggttgaa tggagtaagg      240
atcagtatgt gaatcccaac tcccagacaa ctcttggtca ggaaaaaccc tcagagcaag      300
agatgagtga aatcaaacac cctgagacaa taaacagata cggaagtta aattccctgg      360
agtcaacatc atcatcagga ataggcagct acagtacaca gatgtctggc actgataatc      420
cagaacaatt tgaggtccta aagcaacaaa aagaaataat agaacaaggg atagatttat      480
ttaataagaa accaaagaga ggaatacagt acctccaaga acaagggatg cttggcacca      540
cacctgaaga tattgcccac ttcttacatc aagaggaaaag attagactct actcaagtgg      600
gtgagttcct gggagataat gataaattta acaaaagaag tcttgnttgc attttgtggg      660
accaaccatg actttttcag gaaaagactt cntttcagcc cttegtatgt ttctaga      717
  
```

<210> 2547  
 <211> 680  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

```

<400> 2547
atttcattgc cctctttana nanttgnttn caaatgtcga gcatctttat ttateccaaat      60
ctctccacag tgtttgttta aaggggagcg ctggagagta aactaaatct tacaatgagc      120
atatggatgg ctataattgc tgaggtttgt ttttttttlll calatttgct aactcgctat      180
atataaaatt gngtttctat tttatanatt tcacaccctg aanactgcta attttgcatt      240
gcatatgatt ttcacatgaa tggatgaaaa tactaaaatc tcttccccct ggaattgtct      300
  
```

|            |             |            |            |             |            |     |
|------------|-------------|------------|------------|-------------|------------|-----|
| aattgccccg | accctactct  | aacagcagct | agtgggtggg | ggcgggtggan | actcctgcca | 360 |
| ttctctgtgg | caccccaactt | ccctggaagc | tcantcggcc | tcctgtctgct | cacgtattgg | 420 |
| cacggttgtc | ttccaaaccc  | attgatgcgc | gaacatgggt | caggaanaac  | acagtcagct | 480 |
| ctctggngct | ttccatancc  | ttcctttttg | ccaggettct | ganattttta  | aataacggaa | 540 |
| gcaacatctg | ccctntgaat  | taactgacaa | tggggaaaca | cacattgcaa  | aaattatctt | 600 |
| aatgtntagc | aaatcaaggg  | aaaacaaact | ttgcttaacc | attggtttca  | gctttctatc | 660 |
| caccaaance | ccaacttttt  |            |            |             |            | 630 |

<210> 2548

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2548

|            |            |            |            |             |             |     |
|------------|------------|------------|------------|-------------|-------------|-----|
| tgaccatctt | tcgaattccg | tgtgtctnaa | tntgacagag | acgctcaggc  | tgtgtttctca | 60  |
| ggatgaccga | gtgggagaca | gcagcaccag | cggtggcaga | gaccccagac  | atcaagctct  | 120 |
| ttgggaagtg | gagcaccgat | gatgtgcaga | tcaatgacat | ttccctgcag  | gattacattg  | 180 |
| cagtgaagga | gaagtatgcc | aagtacctgc | ctcacagtgc | agggcgggtat | gccgccaaac  | 240 |
| gcttccgcaa | agctcagtg  | ccatttgtgg | agcgccctac | taactccatg  | atgatgcacg  | 300 |
| gccgcaacaa | cggcaagaag | ctcatgactg | tgcgcacgtg | caagcatgcc  | ttcgagatca  | 360 |
| tacacctgct | cacaggcgag | aacctctctg | aggtectgg  | gaacgccatc  | atcaacagtg  | 420 |
| gtccccggga | ggactccaca | cgcattgggc | gcgcggggac | tgtgagacga  | caggctgtgg  | 480 |
| atgtgtcccc | cctgcgcctg | gtgaaccaag | ccatctggct | gctgtgcaca  | ngcgctcgtg  | 540 |
| aggcttgctt | tngaacatt  | aagaccattg | cttgantgcc | tggcanatga  | acctcatcaa  | 600 |
| tgcttgccaa | nggctcctcg | aactcctatg | ccattaaaaa | anaaaggacn  | agcttggaan  | 660 |
| cgtttnggcc | aaattccaac | ccgttgattt | tnccanctgg | ttgnccnaat  | aaaacttttn  | 720 |
| t          |            |            |            |             |             | 721 |

<210> 2549

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 2549

|            |             |            |             |            |            |     |
|------------|-------------|------------|-------------|------------|------------|-----|
| taaccacgat | cgantccgtg  | ctgtcggttt | ggctcttaggc | taaaatccat | gttntacgga | 60  |
| gaattcaaga | aattttttaa  | cttcaggtag | aactgtgttt  | tttacaatg  | tatagaaagc | 120 |
| atagtgccta | atgcatggta  | gaaacatttc | tttaaggatg  | accggatgtt | gccgtatgta | 180 |
| tttatggcac | aagcagggtg  | tgtctaagca | gtttctctgt  | ttgcttgtca | tagcagcatt | 240 |
| tggaaactca | aacatgcttt  | catttacata | aatagtttat  | gaagctttga | caacaaatgt | 300 |
| aaacagacac | gaaattataa  | atctgctaaa | tatgtattaa  | gggtattaat | tattgaaagt | 360 |
| ccctttcccc | aaaactcaac  | tcctatggca | attatgaact  | ccattttacc | aagaacattt | 420 |
| aagtgcctca | gcattctgtat | gatatagtgg | agcagggtgt  | gacataggta | ccagctgaca | 480 |
| tgatgtgtca | ctagctctgt  | gggatgattg | ccacatacat  | ggaacacctg | ggagtgtctg | 540 |
| aaatgtactg | ggatcgaagt  | gacaaaatgt | gttttcatct  | acagtggagg | ctacatcaag | 600 |
| caaggggagg | nccacctct   | tgcaagtgtg | gtgagangct  | ctctacaaag | acatgggcac | 660 |
| cggagtaggn | ccctgtancc  | tgcnggtgct | gtananaaaa  | tnt        |            | 703 |

<210> 2550

<211> 1063  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1063)  
 <223> n = A,T,C or G

```

<400> 2550
ctccnttttnn acgtntnaen tagtnanann tgtngnntnn ngttanattg ttaggtntnt      60
cntgctctcn cnagatnnet attacnatat anngttntnt atntacnggn anntnctana      120
cnttctatct cttnnanaet tnnntntnnc nnnnanaaga accangatcg antccgggct      180
gtcnntctnc gcagtgtacn cctgccttg gatccctcc cctcaaggag ttcctctcng      240
cgggaggagg ggagacanga tagganaggg nacttttaan tggctctntan cccttagcga      300
ggngtgttg aggtcatgca tgggaggagg ctgtcttggn gcngaaccgg gttcanggag      360
gctcatnngn ganngntncc ctccataggca ctggagttnt ggcttgantt gtgaggggta      420
gccnaanggn nnggctacaa tgnnccnggg nnggagagtn tncntntntc ggnggnaacn      480
agannntnac gccnncatg nagggggnt tcatgtcttt cangttccag ggaatattat      540
ncatnggtta anacggnggn ttgcnngntg naatcgaatn tactcttgct ccnntgtttt      600
nacntntntt tcgagantnn ggggaantgna nntctcattg cctgggggnt nnactnctg      660
gntantggan ntntcaatca ngcangnngc tttnnnttgg ngatggggnn cttcttnngn      720
nngnttgac tctgatanta ancnnngggn tcnctgnatt acntacnca      780
ntgngttgga tctggnanct aanntcnnn antnatgnaa ccnchnactn nntntntcnc      840
cgnaaaatgg aacantncan ntgnttgtnn canctnnngt aggnagctng attatagtat      900
ncntnttggt cnantntna cctttgggnt ntggnaactn tcttcncgat tccttatcca      960
canaggggac tccantggg naanataann anacngggna gcttnggngn ntancatngg     1020
gngtttttnc tctntcaagt acnaantntn acacctctnt ncg                        1063
  
```

<210> 2551  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

```

<400> 2551
gaccncgatc gaattccgtg ctgtcggntt agcactcaca tatttttgtt caatctttac      60
ttctcacaca aacagaaaaa ggaaattata tattctgtat caacaaagat ttaacaaaac      120
atccatacac tacaactgtc tacttactaa aattaagaat tagtatatta tcttttttct      180
tcttatatta aaactatctt ttcatacact attttaagtt tatgaactga aagtctttta      240
gagataatth acttcaatga actattatta tttatatttt ataagcaaatt tgtcacaact      300
tggtattagc tagctctact gtctccttac agtctctaaa gtttctgaaa gcacccatga      360
tttctgccac aaagaagata cttaggaacg attctgtttt cctactctgt gacctaaaat      420
tgactgggtc ttcaatggaa atgagatcca tatcgggcac taagggtata cagaaataat      480
tgtgggcaaa agtactaaag ctatttttgt tgcactatat tttgagatct ctttaaggct      540
ctgtgttctt actgatttat tccaatttaa tgtattgnac tattggcatc ctacttttct      600
tttttaaata tattattatt gactgnttac aagactttgt gttaaactga caggaaagtt      660
tttataaacc aataacagca ctacattht ggaaagactg ggtncattg gtctn          715
  
```

<210> 2552  
 <211> 713  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 2552  
 tgccttatacg antccgtgct gtcgnnctga cgtgaaatgt aaactantag gcggtgttatt 60  
 gatctgctaa aactaaccct ctttttaaga ggagatttaa ggaagacgtc aatcaaaatg 120  
 tcaaataatgt gtgtcagaat ataaataatt ttccacattg tattgttgct atataaaaaa 180  
 aataatagaa ttggttgggt ttctgagggt aaatccagag taagagtact agacagttca 240  
 acaagccaca tctaattggca cagatagagg atgtagctat ttataacctt tcataacatt 300  
 tgagagtaag atatccttca ggatgtgaag tgattattaa gtactcatac ctgaaatctg 360  
 ttgtcaagat tagaactggg gttcatgtta aaaaccttcc atattacctg agggtagctg 420  
 tggggaacag ttccctcccc tgtgtggtag tattttgttg gaagagaatg tttatacaaa 480  
 aaatgaaatt cttccaacag cagagaaact ctaaaaagtt tgatagtacc tatcaaagtg 540  
 ctgtacttct gtgatagaga acatctgatg taccacaatt tagatctatt ttctttatac 600  
 tttttctaata caattgctta atagtacttt ggatgattat cacccttgcc actttaaaat 660  
 atataaatat ccttttttact tcatgaggaa ggaagaattt ttggntaata ctn 713

<210> 2553  
 <211> 1506  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1506)  
 <223> n = A,T,C or G

<400> 2553  
 cccccctca cnetgtctc accccnannn ggncttgttc tannngntgnt ganttttnag 60  
 cttnttattn aggantnctt nnnntaatc tntntctnga gtgganntnn nnnacggtag 120  
 ntcaaaanctn tgggtnaatt cnnccctann ncccccatnn nggttttctt nntttnatnn 180  
 ctntatnatc tantcnntnt nctancaatn ttccctnatn nntcntnnngn ctctntttta 240  
 atnnatanac ttacctnact cnantttctt anctngtata tntatnnnga ggnatcngnt 300  
 acggntnact anagctnnna natnactggg accncctaen cntncncngc tatntaacgt 360  
 aatgacctct tactntacta taccatntnn ctcttatnaa aacgtataat atnctaacgc 420  
 tatatatggc tacngcaacg nacacgcanc ntatcnctaa gctgaactna cntngnttan 480  
 ncgcgtantg taatngtnag tntangtcan atattaggtn atgcctcgng tattnannt 540  
 taatcaatc nattctatan nntctgntna ntntnctnat atnttatccc natcatattn 600  
 nntatnttat caaanttcct gtgtcntntc tactnaactt angtatantn natgcgacgc 660  
 nnngtntatc anngncantt tctnttaact tngcatatnc tctnantnta atgntgtatg 720  
 cnacnntatn tattctnacg aacntnatat aatnttenta antntnate antnnatnta 780  
 tngtactaca tngtcnntng tcaacnctga tatctctnnt ttagnanatn tntatntnc 840  
 aatntgaatg ctgnttanen ctncctntag cnaaaaaacg ctactatate ancgntntnt 900  
 annnttacct tcgttctcna cgtatntacg atacgtaatn tnactacctt agctancanc 960  
 gtcnecgtgn tacncaanc taatctctan atnntctgca tgttctgcat ntagacnate 1020  
 acntacntnn ntanattnta cgntaantat ctcatnctcn ttnnatnnna acngncacg 1080  
 tntntnacnt tcnacncng tntntannnn acattatntt nnatctcagn aaaatctatt 1140  
 acnttcnntc tatacttngt atntantata tctcatctta gnnngntanat gaattatcnn 1200  
 gtncnctatn aannacacan actantntan ntanangacc gtannnacnt nnnattcngt 1260  
 acatantant attntntntt atngatntnt nnotcaantg ggatanatac tacntnttgt 1320  
 atctnnecga tntatnctan gntgaatacn ntatntnnat acctngaang tacgncacn 1380  
 anctaantna nctatgcan cnanatnneg ctacgttntn tcaactctagc cnantaatan 1440  
 tncgtanata tctacntgat naantantgc ncttaacnta cntannntga cangaacnna 1500  
 tntnecg 1506

<210> 2554

<211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 2554  
 gccacgacg antccgtgct gtcgcactga atgacttaag gctcgacaaa tgatattctt 60  
 ggaaagttta atcttgaggt ttccaaatct ttttttttaa tgtctcccat gtttctcatt 120  
 tgetgattga ttcattaggt gctcttagta agattttgtca gttggaaata atgaaggctg 180  
 agactcattt ctaaactctt ccataaccat caccagaaga gcagccactg tgttgtgtga 240  
 tgtaggctaa tgcctcccag atagaggtaa agtcacaagg actattagaa ttccagtggg 300  
 ttgtggaact ggttttggat tatccttata ttttcattct gattactgag gcagttctga 360  
 aaactcctac cattgaaata gtggtgtgtc ttttccttgt ttaaggattt tacatcattt 420  
 ttatgcactt gaattccaaa atcagaatct ctcttttacc tatcaacctt tattygetat 480  
 tggtttttgg caatyacctt tctgttcaaa tgtagtctctg tctctttgtt tcttagggg 540  
 gtagaacctg cctttttctc atctttcatt tttttgacgt gtcttttcta agaaaangct 600  
 ctctgccgct gttctgggtg ataaatgata ttttcattct atcgntatgt ggggtgggat 660  
 gatcatggng aaaaactagg aagacatctc tgggtggatgg actttttt 707

<210> 2555  
 <211> 1192  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1192)  
 <223> n = A,T,C or G

<400> 2555  
 tennnnnnnn cnagnannaa tangnnttta tngtantnan tatangtagt gtnnaggtgn 60  
 nnnananagt gatanngttc nagnntnnca nngtntgnc atgatnatat atagnntnnnn 120  
 nnnngnagnc atgacnaat ccgggtgtgn ntntgcctgt ggncccnatg ggnacanacac 180  
 tgncccgcgc cacagaatag cctcnatgcc ccttggaaca gctcgggtgn gggcctgttc 240  
 agtctcngtg cncnctnann catcctnnan tancntttga anagagnnat ttagagtana 300  
 aannaanttt gtcacttntt ttntcattaa aaattactat nngnaacctt angaagnnna 360  
 tgnennatca angennntgt cnagetatga agaattatnt ntangnggaa anaacatnaa 420  
 ntttnacatn cnagtnatt cccaatngaa nccctaaana acatgnaatt tggtagngnt 480  
 tnnctacnnt antgtcnnat ggaacnenn actnaanaaa aggtatnttt naatnnctcc 540  
 tngngngtat cngggannct aaacnttggg ngcgcgcnta tganaatata gagcntatcn 600  
 tnatngaana cntatgaatg tatnctctg cttatgttna ntcgtattat nactnngnat 660  
 attanatnaa tnntncnnt tnntanntag atcntatgag tcaaacttgn tattaagnta 720  
 tnantactna tatannngan ncatcnagaa nnnctnncac ananaatatt cacnctgnc 780  
 nctatatnat ccganganna ntaanntaag ttannannca tntaantcaa ngntaattn 840  
 nnttnnatat ttnggtnnnn gatttnnnna ntngtatgtg anttattatt acangaenga 900  
 nnaatnctnt attgnnttnn ngaannttta tnaataatat atctannant nntntttan 960  
 catnnntnng tntncatntn tntnnngtna nagegnnggn ttcatntaag cnantntnt 1020  
 ntccaacgan nangagntnc nannttattn antatacatt ntntagntnc tnaactntaa 1080  
 natctcnnaa ttgatnangt anatgatntt attntaaatc lntnatntnt canantnta 1140  
 clctattana nncanctan nntnatnnan tncatntaca tennngata cg 1192

<210> 2556  
 <211> 710  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2556

```
nacctcgntc gantcttget gtcgcccga tgaagaggtg agtccccctt cgcacctca      60
gcgagcccag cgtggggacc actcttcccg ggagcaaggc cagccccctg ggggcacttc      120
tcaggccaga cagattgatt tcccgtgcg gatcctggtc cccaccagt ttgttggtgc      180
catcatcgga aaggagggtc tgaccataaa gaacatcact aagcagaccc agtcccgggt      240
agatatccat agaaaagaga actctggagc tgcagagaag cctgtcacca tccatgccac      300
cccagagggg acttctgaag catgccgcg gattcttgaa atcatgcaga aagaggcaga      360
tgagacaaaa ctageccgaag agattcctct gaaaatcttg gcacacaatg gcttggttgg      420
aagactgatt ggaaaagaag gcagaaattt gaagaaaatt gaacatgaaa cagggaacca      480
gataacaatc tcattcttgc aggatttgag catatacaac ccggaaagaa ccatcactgt      540
gaagggcaca gttgaggcct gtgccagtgc tgagatagag attatgaaga aactgcgtga      600
ggcctttgaa aatgatatgc tggctgttaa cgtaaagtcc ctaatgcttt cttctnecgt      660
gggtttcact aggcataaaa tcttqccatt cagctnatga ggaatgcctt      710
```

<210> 2557

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2557

```
taccnngntc gantccgtgc tgcgggaaaa tattagctac tcaaataagt aggcttctga      60
aatagtttta actgcaagtg tgttaacttg tgtggtggtt tgaagccatt ttccaaata      120
aagttattaa acaccacttt atgtactgaa gcatgaacag aaaaatcaag agctgagcag      180
accacctcct ttatgtaggc aaaacttcca tcattttggc ttttgttcta aacagaacta      240
aatgacatgc atagcatggt aacttacaga tcgcttaatt ggagtaaaac tcagagtaat      300
agagggaaat atgggctcct cagtgccttt ttagcttttt tgagttgaag acgttcctac      360
agatgtagtt taaacattac aaagtaggct tctttatcca aaaatcccaa tgtgtcatag      420
tacacagata gtttaaaata tgtagcccgg ggaaggggag gcatgtaaat gtcttgaaga      480
ggagaaaaag tatgaaagaa gatcgatagt taccaataat gtgtatgatg aggacatact      540
ttaaaaaatg aattcctctg tacagtaaat taccaaatct ttagggattt ttttgtaata      600
agaagaatth atatttgtaa tgggtctaaa gaattttttt tgtaatgnng gattataana      660
atthtaatth gggaaccact ttataaacct ggtnaagaaa aaaattntng cttctcgga      720
t
```

<210> 2558

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 2558

```
tgnacctcgn tegantcgt gctgtcgga ctacaggtgc ccgccaccac acccggttaa      60
```

|            |            |            |            |            |             |     |
|------------|------------|------------|------------|------------|-------------|-----|
| tctttgtatt | acaggataga | gttcttggaa | gcctggcgtg | gagggagggg | gagcaggtag  | 120 |
| cacagttaca | gaaggatctt | cgggatatgg | aatgcggtg  | tttgtggaca | ctcattcatc  | 180 |
| taacacacat | ttgttgagct | cctaattgtg | atagaactga | agggatggag | tcattgggcag | 240 |
| tggaaaagct | gaaattgtgt | aaaagagaga | gaaggatcag | tggtatgggt | ctcgaagatg  | 300 |
| acgtggaagt | gtcagccatg | acgggtgggg | agtggcctgc | tgctcctoct | gggaagagaa  | 360 |
| gaaggtgaag | actcagggcg | cgtctgcagg | gagacagtgg | gagctgtggg | gtcgtgggatg | 420 |
| acgtgatcc  | tgtcattagc | atctgagcga | ggtcacaggc | atgtggggcc | tcgttaacaa  | 480 |
| tgcccgcat  | ctcaacgttc | gggaggtgg  | agttcaccaa | cctggagacc | tacaagcagg  | 540 |
| tggcagaagt | gaaccttttg | ggcacagtgc | cggattgacc | aaaatccttt | cttcccccca  | 600 |
| ttccgaaagg | gccaaaagcc | cgcgtcgtca | aatattcaac | caaccattgc | ttggggcccc  | 660 |
| cattgggcca | accccgggcc | cgntttcccc | gttacttgn  | ntcaacccaa | tttcnggggt  | 720 |
| taaaaggett | ttcttt     |            |            |            |             | 736 |

<210> 2559

<211> 1347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1347)

<223> n = A,T,C or G

|             |            |             |            |             |            |      |
|-------------|------------|-------------|------------|-------------|------------|------|
| cctngncnaa  | ntctaannan | atttgggnagn | ntgnngnaat | ttatgnaatt  | ggcagattan | 60   |
| gattannntt  | tttccatttg | gggnattttn  | ngggtnnttt | nnntagcaat  | atnnnnnnnn | 120  |
| nnntaataac  | acnatenant | cgngtgnttn  | ttagccanca | ngcccccg    | tgagccnttg | 180  |
| tantttaaga  | natggtcenn | cntttttatn  | tggaagtnnt | nccacacntt  | tggntntttn | 240  |
| tgaattnt    | tattntnata | ntantatata  | nnctttttt  | ngntnttnga  | gcattctttt | 300  |
| acananann   | tctnctatta | atctnntttn  | anattatnt  | annanttnaa  | tanannatan | 360  |
| ttatgattac  | tgtegantna | atacaccttt  | gtcnentnnc | ttnnnaagct  | atctntcnna | 420  |
| cantgaacac  | tanntnctag | tactaanacn  | ttanntcagt | ntctttnta   | ctngntnata | 480  |
| gtncntgant  | nnntcnacn  | agtanatnnn  | ttagncntan | cantagatct  | aatganntat | 540  |
| nttcgatntt  | actaggccta | nnctatgat   | gtnttnnact | aacnactttn  | ntangnnntn | 600  |
| atntangctt  | ntgtaagtnc | ntatctantn  | ncncatannt | ntatntnatt  | gaaannaatc | 660  |
| ttatctnatg  | aaaantatct | tatgctattc  | ctngntaacy | tgtnngnaat  | gtatgcgtcn | 720  |
| ctatnanata  | ggggatttta | tactatgtna  | cataatntnn | tagtactgnt  | atntatataa | 780  |
| angtanatct  | aacgctgtna | tattcatacn  | nnatctatn  | tngtcgngta  | gcntagcgna | 840  |
| aannanncgt  | actaanaatt | cgnngntnac  | atatatcgta | tnntantgnt  | ntnnngaaac | 900  |
| atatnecgnan | cttaatgnac | ttcatnnnta  | cgnnatgttg | tctgatcctt  | ngcgacacgn | 960  |
| tacgnnnaaa  | tcgattacta | antntatnct  | atagtaaatg | tatngtatct  | atatnnnatn | 1020 |
| annatctcta  | cacgtaagng | taaaanntnac | nttactatgn | ntnttatatt  | acnaaatctn | 1080 |
| atgcattcnt  | aaancgntc  | gtatgggtac  | ntnaagcgat | atgtntntngt | atatntacgc | 1140 |
| aaacatagta  | tatattatnc | natntttttn  | ataacattat | catatatnat  | atatatttaa | 1200 |
| atncnanatn  | attatnataa | natgtnaatg  | atanaatann | gcanatgnaa  | gancgnnaan | 1260 |
| gnaaagnnag  | tnntcnctac | ttatnttcnn  | gntgggtatg | tatagctann  | tatatacggc | 1320 |
| anctangnan  | nanngaann  | ntgtacg     |            |             |            | 1347 |

<210> 2560

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

```

<400> 2560
aacnecgntc gaattccgtg ctgctcgntan anatgacatc acnecgtgtan ggggtgaagcn      60
nggagancta ctcnngntatg antaangttn naannngaaa tngnannnaa ntgggaatttg      120
cnaaagtgcc tgccctataa tgttagaact ggaccagaaa ataggagttg gtataaaaact      180
agaccancca gctttttttc cttcaagatg cagtccagtt tattgctttt gtaaattaga      240
gattgtgttt cttgatcttt attaaagtag aatacaatgt taacctactt caaattttaa      300
aaaatataca cacatgtata tgtatgtgtg tgtgtatata cacacaggat ttttaaggaca      360
gttttttgtg tgtgtgttgt gcatgcgcac gcatgccaaag gaaattgtta atcttctagt      420
acatccccc taacagagga agctaccaat aagatctagt ctttgcctta cagaccaggt      480
ggctttacct gataggctca cagacattca gtagttcatt tgttcctcag atttctttaa      540
ttattgnnga taaagttgat atttaaattt accaacttta accatntttt aaatggnatt      600
antttatttg gccatttaan gtggtaattt cncantttgt tngnggccag cctttcattg      660
gancaatccc atcntcttan ggaggttntt tccnttcctt centnaaatt gggaaatctt      720
ttggtgcccc caaaaaacaa attancttac cccctttnt      759

```

<210> 2561

<211> 1097

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1097)

<223> n = A,T,C or G

```

<400> 2561
atttgaaccc cannggnaat cccggaaatt tccngtntgg ccttggtncn agantgacaa      60
cctcgctggg gaggtagccc cccnecgtatt gtgagatant aaagaacngc ttnganacng      120
gnagnncttg gctnaggcg anaggaaang attgtcatcg agttnccagt ccnggaaaat      180
ggcgcgtntc gtnagggcta gnnnantnga gagaggangt ctattttntt taagagatan      240
taataaanan tnttagnct cnntagatgt ctcnatnagt aataaananat natnnnatcn      300
ngtnntatgn nacngcatt ctgtataana tagaagcna tatnntngca tannatacac      360
agttantcca tatctgtagn tnaanaatna nagtnctttg gangtnntta tncaanaact      420
ngngtctna nngnnacatt nantattng aagngaactt ntntaannna aatatncanc      480
tctcacaann ctnananant nananntna atatanatct ntnannntcc nnacanacnn      540
nanatanmn cnnnctana taganaanaa tataattann gtngtnactt tangacanaa      600
ttncgatgtc annacatntc natcnaatta ttcantncta nnaaactnaa gnannecgtnt      660
ncnanagang agnanantna atannttatt nntangaat tcattgtatt ncnatcacta      720
antatnaann nggtataaaa naaatnanat cactacttat tananangat naaanatata      780
aanngantna tattntatan ntatgaaann tatnatacnt attcactaan nanntnnant      840
annntaaact tntgcnnnt aaacattctn anncatgcta tataaactaa gatatatgaa      900
annntaaagt anatctacgt natnacatac acannaatcn aatnttaact tanataanta      960
tntanctta tagatctgta aataactnta tatttgctta acnangnanc agttactcta      1020
nctctctant atntangnct ccatattatg naccaannt cnnnanatgt ccaancattt      1080
atcttaanta ntgancc      1097

```

<210> 2562

<211> 691

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

```

<400> 2562
nctgtctgtc ggttgantcc nanaaaancc aaacagttgc tgtcaataca actcccccta      60

```

|            |             |            |            |             |             |     |
|------------|-------------|------------|------------|-------------|-------------|-----|
| ttttctctca | agtcacctgg  | atcgctctga | ccccgggaac | cccgctctgca | gcaccaggcc  | 120 |
| ccctccgtgg | agaaaagatg  | gagccggatt | aagcaccag  | tgctaaggcg  | actaagacgc  | 180 |
| cactgccccg | agggccctgcc | ggaaaatact | cagagagtgc | agcaggcgcc  | gcatatcctt  | 240 |
| agaaagtgc  | ggcgtggcct  | ctcctgacac | agaaagccgg | ctcctggatg  | cttaciaaagg | 300 |
| actggccccg | gcaacaccgt  | tgctcctcaa | cccggggcac | actccaagga  | cctctactga  | 360 |
| gcttcagctt | gtcaccgaa   | aacggcgcg  | ccccctctac | ccgggatgtc  | ggagcccagg  | 420 |
| agacctgag  | agccccccagc | tctttccgta | attgcaggag | aaggggcaag  | cgggtccgta  | 480 |
| gccggggggc | ctccagtggc  | attatcctga | accgccacgc | ccgcacgtgg  | cccggctaga  | 540 |
| gtccctgac  | gaaggatcac  | ctgttcctac | agtacaact  | ggacctggcc  | cgaacctctg  | 600 |
| gcctctggca | acattattac  | cttgtcgaaa | cagaagtaga | gattgaaata  | gangatgcag  | 660 |
| ttccatttct | tctgtgtgt   | ggaaggatc  | t          |             |             | 691 |

<210> 2563

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2563

|            |             |             |            |            |            |     |
|------------|-------------|-------------|------------|------------|------------|-----|
| gggcttttca | tttcattnnc  | ctnnntnaaac | acttntctct | gaanagcgtg | ntaggactct | 60  |
| gcaggaagag | gagaggtggt  | gtgagagcct  | ggagaacnnc | tntcccaaac | ttnnncncng | 120 |
| ctttanacn  | gggnncancn  | atnnntgctn  | acgntcagtt | ntntgatttt | tcttcnttaa | 180 |
| ncaanattta | ctnatatgcc  | tttntttttg  | cntgggataa | acncctanaa | gcctntgata | 240 |
| tttgatnctg | ctaatactatn | ttcncctctc  | tgcttnggan | gacatggnc  | ctgtttccag | 300 |
| tattttacca | atanctngac  | natcaacggt  | ttcaacnttc | tgancnaana | tnaatnggcc | 360 |
| actgttttaa | cntttcanc   | aaacnancca  | tgctcatctn | aagnactatt | gattgaagat | 420 |
| cgtcngcttg | ncctnttctt  | cttgannaaa  | ttttcttg   | ttggctaata | tgtccctctc | 480 |
| anacatctat | nagcnaanga  | acttttggtt  | aaagaaan   | ttccaaancc | tttttcnant | 540 |
| ttncaccct  | tgttttacca  | aggctaattt  | nttgaatnaa | cggggggaaa | aaaanaaatt | 600 |
| ccanaccggn | gtggcatttt  | tcttttccaa  | ttttggnaaa | ccacccctt  | tntcagaaaa | 660 |
| antttntttt | taaatttttt  | tacccaaaatc | caagggtaaa | acccaaaant | ttttgncttt | 720 |
| nacccttttg | gttncaacnt  | tcnttttttc  | cccctaaacc | ccnccaactt | ttt        | 773 |

<210> 2564

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2564

|            |             |            |            |             |             |     |
|------------|-------------|------------|------------|-------------|-------------|-----|
| nnaccncgnt | cgantccgtt  | gctgtcgccg | agtgacagag | acncnatact  | ntgattggca  | 60  |
| atnaaatgtg | aaacccannt  | tcttgggcaa | gtcaaattct | ggaatcacat  | ccacctaaat  | 120 |
| taaaatgact | ngctcgtatt  | ttccccatct | tcaagtttca | catcctggtc  | atcaaaagac  | 180 |
| tcgacagcaa | gacttagaat  | gaaaaaggg  | acttggttat | attaatattt  | tttacttgaa  | 240 |
| cacgtgtagc | ttgcagcagg  | ttcttgatga | atgtgctttg | tgtccaaaat  | gcctccccat  | 300 |
| tgtacacagg | tgtacatcat  | gcattgacca | acacctaaaa | ctcaaaaacta | aatggctatt  | 360 |
| ttgtaagggt | aatactttca  | gttaaacagc | atgtttgact | tgattccatc  | atgggtgctct | 420 |
| taaattacat | gtcagtgc    | cacatatatc | atgatcta   | gcagatgact  | aggctttttc  | 480 |
| caaaaggaag | acagaccctc  | agacacaaaa | agccaatcta | aacaactccc  | aggtttgctg  | 540 |
| tggacaatca | gcattggaatg | gtttctgcac | tctcagtc   | gacctctgt   | atcttgnatc  | 600 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ctgctttctc | tctcaacacc | acagttctca | ancctgacct | tncagagaga | gctnttggat | 660 |
| gatacaagan | gaatcccagg | gccccggatc | taagatgccc | cttaaaaaga |            | 709 |

<210> 2565  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

|             |            |             |             |             |             |     |
|-------------|------------|-------------|-------------|-------------|-------------|-----|
| <400> 2565  |            |             |             |             |             |     |
| taaccatnnt  | tcgantccgt | tgtctgtcggc | cgccgcctct  | ncaagttctt  | gtggcccccg  | 60  |
| cggtgceggag | tatggggcgc | tgatggccat  | ggagggctac  | tggecgttcc  | tggecgtgct  | 120 |
| ggggtcggca  | ctgctcgtcg | gcttccctgtc | ggatgatcttc | gcccctcgtct | gggtccctcca | 180 |
| ctaccgagag  | gggcttggtc | gggatgggag  | cgcactagag  | tttaactggc  | acccagtgtc  | 240 |
| catggtcacc  | ggcttcgtct | tcctccaggg  | cctcgcctac  | atcgtctaca  | gactgcccgtg | 300 |
| gacctgqaaa  | tqacgaagc  | tcctgatgaa  | atccatccat  | gcagggttaa  | atgcagttgc  | 360 |
| tgccattctt  | gcaattatct | ctgtggtggc  | cgtgtttgag  | aaccacaatg  | ttacaatat   | 420 |
| agccaatatg  | tacagtctgc | acagctgggt  | tggactgata  | gctgtcatat  | gctatttgtt  | 480 |
| acagcttctt  | tcagggtttt | cagtctttct  | gcttccatgg  | gctccgcttt  | ctctccgagc  | 540 |
| atttctcatg  | cccatacatg | tttattctgg  | aattgtcatc  | tttggaacag  | tgattgcaac  | 600 |
| agcacttatg  | ggaatgacag | aaaaactgat  | tttttncctg  | agaaaacctg  | catacagtac  | 660 |
| attcccgcga  | gaagnggttt | cgtaaatacn  | cttggncttc  | tgatcc      |             | 706 |

<210> 2566  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

|            |            |             |             |            |            |     |
|------------|------------|-------------|-------------|------------|------------|-----|
| <400> 2566 |            |             |             |            |            |     |
| tgacnttnt  | tcgantccgt | tgtctgtcgtc | ctccgcagtg  | agaacctgcc | ttggctcccc | 60  |
| tcccctcaag | gagttcatag | cgtggggagg  | gagggagaca  | agaactgttg | gagacaagaa | 120 |
| ctgttagaga | ccagagagca | agggcgtgat  | gtggtctgca  | gggaggaggc | tgtctgaggc | 180 |
| agaaccgggt | cagggaggcc | atggtgcggg  | tacctccag   | gcacggcatt | tggcctgact | 240 |
| tttgaggggt | gcccagggtt | ggctacatgg  | cggggcggag  | gtatctttag | tgggggaaca | 300 |
| gcgttgtgcc | accaggaggg | gtctctgtct  | cccaggtaga  | ggaattctcc | atggtgagag | 360 |
| gtggtggtgg | gggatggtct | agctgtccac  | tcttgcctcc  | tttcggattt | ggaaggaagc | 420 |
| cccatgctgg | gtccacactg | gtatggcgta  | tttaattaggc | agctgctttg | tctgggaggg | 480 |
| ggctttgtgt | cgagtctccc | tgaatgagca  | gggctggcga  | cagttgtcaa | aacacatggt | 540 |
| gcttggtcag | agcccccgta | gaancccttg  | tcctccgcct  | ggcctccnct | gcacccgggc | 600 |
| gtgggaatgt | gctcttgtgt | gtccctggct  | gtctgcttct  | ttttacactg | gccccttcaa | 660 |
| atngangggg | tgggggtaca | ngggtttctt  | taaaaancan  | acacttgg   |            | 708 |

<210> 2567  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(709)  
 <223> n = A,T,C or G

```

<400> 2567
gacctcgatc gaattccgtg ctgtcgggtga ggagaacatg gatatggatg taatgtcctt      60
cccttttgtt ttctttgcac aaattttcagt ggaaacatgt tgccaagtca gatcgccatt      120
ctacttgagt gaatatggaa tttgtccagt tttccaaatg cagagctttt tgtgggctga      180
tggactgaat agaaagagga acaaccatac acccttctac agatgaaggc aagattttat      240
gaaagcgact tcattcgttc tcctctgcct ggtgttcctt ctttgtaaac caggaccagg      300
gagctttgaa tatagcagta tattatagaa tttggtttca tttaaatta tacctgccct      360
tagtgtttat attccagtat attgacaacc caggtcctct ctgtacctgt gattgtctgt      420
gttgagacta ttacagagct ccaaaaatta aaataaaaat aataatttta cagaaataca      480
tatttgcatg ggaatattta agaaagtga gtttggtatg cacaagatta taggagtaat      540
aggaagctgg gcacagtggc tcacacctgt aatcctagca ctttgggagg gtgaggcagt      600
gaggcaatag gattgttga gcctangagt ttgagaccan cctgggcnac ataaggagat      660
cctgtctctt cattaagtaa atttaaaatg aattaactgg tggngctgt      709
  
```

<210> 2568  
 <211> 1078  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1078)  
 <223> n = A,T,C or G

```

<400> 2568
agnngnecgac ccccnttttt ttggngggaa aaaaaaaaaa accccccccg gggggggggc      60
ccttggtan canaacatta cctnngggn acccgnnccg gncnaanagg agnncccccc      120
nccaaangnt ttaaanggtg gtngtggttn atgccnaac caaacaannc ggngaaatgn      180
atggnccttn naaaaacacn ncaatntttt tttttntcaa tgggtntana tacnaagcgg      240
naanaatcan nnacagnna acangggngg gggcgccana ttncntagac atngccnanc      300
taggcacccc ncctattatt tcaactggga atnncnaatc agnantatna accacttcog      360
ggtngccnat gataagaaaa aaaattannc nnagtnccggc atggngnact atatgnatng      420
cgnaaatnca nnaagtaant aagaaacnag tttttcanca ttnaaagcta ccnctcttgn      480
anagnaanc acangctgaa tatactctgaa tgntcangan aanantcaga ttaaatattn      540
ttggagcnnn tacatagacg catnangnna gnaatcacc nnncaanaga ncnnnnaaac      600
anacacntca ccnnnananc tgacncacan cnnccganaca nacacgngg acagaganca      660
gnannacatc acccacacac aannnnanac aancgananc agatacngtc gnanacnaga      720
cctctcgtcg ncgacgnnnn tgatgacacc anacatgcaa ntgcaagana nncaccagan      780
ctcnaacaaa anatggatgc aacacgcacg acgnacgna gnnagaccct acacnctgn      840
atgnaagata cnnntnccnn acanagntat naacggacct agangananc gcattntctn      900
ttanaaagcn nccaangctc ccaanntcaa ngnagnngng anctcacntn cgcattagat      960
cnaaaancgc acggaannac taganccggt agnctangna ntccacgna ataanacatn      1020
actcannngn annnnanncn nnnaccacag ctatanacnt gncgtaaacg tancgcgc      1078
  
```

<210> 2569  
 <211> 1452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1452)  
 <223> n = A,T,C or G

<400> 2569

|            |             |             |            |            |            |      |
|------------|-------------|-------------|------------|------------|------------|------|
| cettctnttt | taacnnntat  | ctntanctaa  | anattganna | gatnaanggg | ttatngataa | 60   |
| tnggatantg | tatnnttnan  | gggtatnnn   | aacnanttat | nttnttggn  | ggtngtan   | 120  |
| tnnanattaa | nettaantna  | ntnngataat  | nttnttncat | ncnaagaggg | tgtananttt | 180  |
| aatctttggg | gttttatng   | taantataac  | nngaagcna  | ncataagtan | gntantntnt | 240  |
| nnntcaaag  | antaccatt   | ttannaatnn  | cnnntggggg | ganatatata | ttagtcccn  | 300  |
| cgnggaangg | cccccccttt  | gtttgatggn  | ngtnatntta | cttatcnnta | tgtntagnta | 360  |
| tgntncnnnn | atatntanta  | tatctagnta  | ntaannnnat | acatatctac | cntatagtca | 420  |
| naaatngngt | acattttttt  | tnatntnnn   | ntanttnact | aantatacta | ctantaaant | 480  |
| tnntatacnn | tnntaatnta  | nacannnacn  | gnacnttant | taanaatatt | cntcatncat | 540  |
| tngataataa | tnntnaanc   | ncnatanttn  | ttatatantg | antattgaaa | catanatntn | 600  |
| tataactatn | ctagncntta  | tatncnaaaa  | nanngtcnn  | attatncatt | ctattngact | 660  |
| antttatacn | nanananttt  | tatnacattt  | ttcannatct | ntntantana | nttnaatcta | 720  |
| aattnttncn | ataannntnat | nttangatnn  | taacgtntta | ntatntaatt | atnaatatnt | 780  |
| antantntgt | aatantaatg  | atttaanatin | tttnaagata | catngaacta | tcgantatta | 840  |
| attatgtant | tatctantta  | atacnaaagt  | tatatangga | atnatntctn | tcaatatnaa | 900  |
| tggtanaata | tatacttant  | acgtaattaa  | atanataata | taaatgnaca | tatatnaang | 960  |
| tacnctatnc | actctnanta  | tagtnttana  | tanaatacta | nttnatcgat | atgtnatcgt | 1020 |
| tannttatnt | actattatat  | attctntgan  | ngtattntta | ggtntntatc | ttatnacagn | 1080 |
| nnatgtaaac | ntatctctaa  | tantntntna  | gtannntatc | ntnttatnta | cttatcta   | 1140 |
| ctataliaat | cnttgttatt  | ntnccctnct  | gtactatgtg | atatntatna | tanantactt | 1200 |
| ganaannata | tnatgaaaa   | ttattatatn  | natgttalt  | tannntgata | tantacatat | 1260 |
| nttatatann | aactntattn  | tnctantctn  | tgttacanan | nnntatagan | ncanagtnta | 1320 |
| nntaagntat | cganatnta   | gatannttat  | gnnatngatc | ncatncnaan | atanccgtnn | 1380 |
| ntgattntac | natatntaat  | ttnatnnata  | ngtatncaan | cntattnacn | atatnatntt | 1440 |
| ntatcnatta | nn          |             |            |            |            | 1452 |

<210> 2570  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (761)  
 <223> n = A,T,C or G

|            |            |             |             |             |              |     |
|------------|------------|-------------|-------------|-------------|--------------|-----|
| <400> 2570 |            |             |             |             |              | 60  |
| acncatcatc | cgnttgcnet | tnanncccg   | ntanntcttt  | antgtctgca  | cntgnaanca   | 120 |
| tnctntngga | gctccncnat | actanggana  | cgcncctgac  | gctacnaaca  | ncnagatgaa   | 180 |
| atatgtatnt | atgnangccg | atagnngccc  | nncatgggtca | aaanaccgcn  | cntaacgccc   | 240 |
| nngantnnat | atctggcttn | ntcccantng  | tgncnncgtg  | caataactna  | gctgncnnct   | 300 |
| gtcnantecn | ntnntnnant | nngenagntg  | agtnntagtn  | tttggcattt  | acagtntttt   | 360 |
| antatttaca | gttgatgatg | aaanattcgt  | gaggtgctgc  | caaataataca | tcaaaaagggtg | 420 |
| gagcttgtnt | ggccaactng | ccacctgatt  | taatcaacaa  | ctactagtgc  | tgagatgcan   | 480 |
| aaagggggaa | aatggaggaa | ttatggacca  | aagtctgtct  | ttatagatga  | cantcacagg   | 540 |
| acaaggggta | ggctttgact | tgacagactnc | tncttttgc   | ctggncaccc  | ctgttnacca   | 600 |
| caagccctna | attggggcnn | ttcanaantt  | atntcttggt  | nggcccgggc  | nccgggtngc   | 660 |
| ccacattctt | gntattnecc | tncccccttt  | nggnaengct  | tttaancnnt  | gnttaaaanc   | 720 |
| aaacgntaan | gtccagggna | anatttttat  | tancnaanc   | cngggccnna  | tngtacgct    | 761 |
| tgaaaaaat  | cnctttnttt | ataccaaatt  | catnccacc   | t           |              |     |

<210> 2571  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(704)  
<223> n = A,T,C or G

```
<400> 2571
taccacgacg gantccgtgc tgteggagtg acctgttctc ctgagtgtc tantgtctcc 60
agttgtcggg gggaaaagatg atggagggga acagaaactg gacttgatgt ttgcggtttg 120
agaggcaaga aaataaaata actttctacc tctaaattga ggcttaggag taaaaagcat 180
tttgtcctaa atttatcatt taaaatagca tcagtaactt ttgagctcat gtcaatcaag 240
cattggcagt cagagatttt atagggaaga ctaagtaa at ccagtttcca agaacctaaa 300
ctgattgagg ctccaagagt cagaccaaca aaagttttat tctgtgttgt ttactggtaa 360
gaatattatt atcttgatac tacctctcaa ggggtattgtt acaaaatgcc acttatgggt 420
aaagagatag atacaaagag ttctatttga cagaagcttg aaactctggc atctatctgc 480
ccaacgatgg gggctttcgt tctgtaattt aatcctttgt agatcattat ttgtgtgtaa 540
ttttatacgt gttcatattt ttctcatttt gcattngta aagtgtacaa aatctcaaag 600
tatnaaatac tgcttatatt gcttgtaatt acagngtgta aatattttct aattgggtca 660
ttgatggggg ggacaagtgg gttttcangt tttttttaat gccc 704
```

<210> 2572  
<211> 1078  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1078)  
<223> n = A,T,C or G

```
<400> 2572
gaatatngat cttgtgtant cggagaagag gtgngctccc cttngceccc tcagcgagcc 60
cagcgtgggg accactcttc ccgggagcaa ggccacgccc ntgggggcac ttctcaggcc 120
agacagattg atttncncgc atgcggatcc ctggtnncncn aaaatagttt tgtttgatg 180
cnattctntt ttngngnngg tacgtntttt nntttnttcc anttaacatt cttntntat 240
nnananaaaa atntattaaa aggtngntat cccattatta aaaaaagnag aacntnttgg 300
tannecttgc angaagaaag ccctggtnaa nnattcccat tgcnnancnc ctaaaaatnn 360
gnactttttt cgaaaacana tnccnnttat ggactnnntt tgtaattttt ttttanaaaa 420
attatgggtan ttaatttatt attngtaact natnctgnta tnnattaata tnnctatgat 480
atantncatg tngectacnt ntaatanttn ttantatttg tnnnacnatt attttccctn 540
ttcnactnnn aantctttct aanatttgat cgtnnatnaa ttnntatttt tattattatn 600
natgatttaa gttcttttat tttttttatt naatattata tattnttaat atcttatctt 660
ntctnttnag anntatattn atntgttaat tttttatagt antatatact tactctaac 720
actnnnactn nttntttatn ttntacatnn ttntcnntta taactatant taatatatta 780
cattaaatgt attanngaaa tataattntc nntatcttat tttannanac gatantatnn 840
tattntacgt atgaatatan tnagaaatnt tatttatget ttanataata atcttngta 900
ntttatttaa tnatanttat tttanaatnt ctaatgatnc tntatacatn gtcnatctta 960
acatatntta gtntatnaaa gatttgtaga tntaanntaa gnctttcntn gtnatngnat 1020
ctaantatn tctntatnaa antatantaa gttangnta tctctatget nttnancn 1078
```

<210> 2573  
<211> 1060  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1060)  
<223> n = A,T,C or G

<400> 2573



|            |             |            |            |             |             |      |
|------------|-------------|------------|------------|-------------|-------------|------|
| ccnngtcntn | nanmntntnn  | ntanaannat | tnmntnannn | ctntnttcna  | anataatnaa  | 60   |
| ntntatnatt | gggngnanc   | atcntaantn | ntntatagna | cntcatnncc  | acnnannnnng | 120  |
| agngttatat | aatagntatn  | nnntntntna | tnctgntnnn | nnnnnnnnnn  | nnnnnnnnang | 180  |
| ataaacantn | ntcnantccg  | ggggctgtna | ttntgcactc | cagcccneng  | ctaataagta  | 240  |
| gggaaactcc | gtctcaaaaa  | aaaaaagtan | ccatantcnt | nngggaagac  | cttacngnag  | 300  |
| agacttgtga | gnnganacct  | gaaggaaatg | aaaagggaag | gagtcctgtnc | tgatntctag  | 360  |
| gaggaggaat | nttccagcgn  | gacggaanag | aggcacaatg | tctttgagga  | aggggcatgt  | 420  |
| tgggcatgtn | cacaggacnn  | nnaggaggcc | aaantgggtg | gagcaaaaaga | gcccaggggg  | 480  |
| agaggnattn | aaaggaanaa  | caggccaaat | ggccataaaa | tnttggtngc  | cttgatgggg  | 540  |
| acattggccn | tgacctgat   | caaaataggg | ggtgacaggc | nacagggaaa  | ctagggagga  | 600  |
| ggcttgngng | ctcgnccattc | atttgaggan | accntatca  | tgtggaaact  | actgtgnaat  | 660  |
| annnttttgg | ggtanntccc  | ttttaaaaaa | acnnngtcat | ttttccggtt  | tgngcncctt  | 720  |
| gtgggcttna | cacccttnta  | aatncccnaa | ctaatttttn | gggaangccc  | aaagggttgg  | 780  |
| ggncaaaaat | caancnntgg  | aaggtncann | gaattttntt | aaaaaanctn  | anctctttga  | 840  |
| anccaaanna | tnngngntaa  | aaaaaacctt | tcnngnnnct | tttcaattnt  | atagaanaat  | 900  |
| taccctaaaa | aattttttctc | ctttngtaaa | annggtgngt | aggnacnnca  | aaataaaccc  | 960  |
| cngtgagaaa | attnccccac  | annnttttac | cttttgnggg | ggaaaaaaa   | tgaaaanggc  | 1020 |
| cccngnnna  | aaaanaattn  | cgnctcttna | gaaaaccccc |             |             | 1060 |

<210> 2574  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

|            |            |            |            |            |             |     |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 2574 |            |            |            |            |             | 60  |
| aaccacgatc | gantccgtgc | tgtcnggna  | tnaataattt | atggacactg | ctggacctca  | 120 |
| gtctcctcat | ctgaaagatg | agtgggttga | gaagttaat  | ggttttcaaa | tgcttttttt  | 180 |
| ttcagtcctc | aaataagtgt | ttacgtagaa | gcaccatata | tgaacaggtg | acagtggacc  | 240 |
| agtctgaatg | aatgaggggt | tggcaggcct | gagctccaaa | accttctgat | tgcccaagcc  | 300 |
| ctccttgtct | tgcttggtat | atctccacac | aatggagaa  | actggacaag | gtgggtcatgg | 360 |
| aggtccctga | aagctcaaag | actttctcat | tccaggattc | cccatgttca | tatgccagca  | 420 |
| tggcatgggg | gtgctctgta | gtcaagcagg | gtcctttggg | gggcttangg | atggagccag  | 480 |
| gaaatggctc | tgggactcag | cgggtgtcca | gantctcctc | agcanggttt | ctttactttc  | 540 |
| actgagtggc | tgggtgctgc | acacttgagt | tttgccagct | tacttctcac | aaaantgagc  | 600 |
| tttntctgga | gccccccaac | tgnaaacccc | ttttccnttc | ctggaacctn | ggtnccgact  | 660 |
| tggnggnctt | gaaaccaccc | caaggccctt | ttccccantg | ctgntggaat | gggncaaaact | 720 |
| ttttttttgc | accctccenn | ggtttgncct | aaatnnaacn | cttgataaaa | aattnctnga  | 737 |
| agcccaaat  | gcctctcg   |            |            |            |             |     |

<210> 2575  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

|            |             |            |            |            |             |     |
|------------|-------------|------------|------------|------------|-------------|-----|
| <400> 2575 |             |            |            |            |             | 60  |
| taacnttnan | cnantccgtg  | ctgtcnagag | gagaacaaac | tgyttgctga | agccatgggtt | 120 |
| tccctgggaa | ggtggaccca  | cctgtgcggc | acctggaatt | cagaggaagg | gctcacatcc  | 180 |
| ttgtgggtaa | atgggtgaact | ggcggctacc | actgttgaga | tggccacagg | tcacattggt  |     |

|            |            |             |            |            |             |     |
|------------|------------|-------------|------------|------------|-------------|-----|
| cctgagggag | gaatcctgca | gattggccaa  | gaaaagaatg | gctgctgtgt | gggtgggtggc | 240 |
| tttgatgaaa | cattagcctt | ctctgggaga  | ctcacaggct | tcaatatctg | ggatagtgtt  | 300 |
| cttagcaatg | aagagataag | agagaccgga  | ggagcagagt | cttgtcacat | ccgggggaat  | 360 |
| attgttgggt | ggggagtcac | agagatccag  | ccacatggag | gagctcagta | tgtttcataa  | 420 |
| atgttttgaa | actccacttg | aagccaaaga  | aagaaactca | cacttaaaac | acatgccagt  | 480 |
| tgggaaggtc | tgaaaactca | gtgcataata  | ggaacacttg | agactaatga | aaganaagag  | 540 |
| ttgagaccaa | tctttatctg | tctggcccaa  | atactgaata | aacagttgaa | ggaaanacat  | 600 |
| tggaaaaagc | ttttgaggat | aatgtttctaa | actttatgcc | atgnggcttt | caagttaatg  | 660 |
| cttngtctt  | ttggcagaat | aaactttcaa  | ttattaaaaa | ggactn     |             | 706 |

<210> 2576

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2576

|             |            |            |             |            |            |     |
|-------------|------------|------------|-------------|------------|------------|-----|
| tacctcgttc  | gaattccgtg | ctgtcggacg | gaaaccatgt  | ttgtggctcg | cagcatcgcg | 60  |
| gcggaccaca  | aggatctcat | ccacgatgtc | tctttcgact  | tcacggggcg | gcggatggca | 120 |
| acctgctcca  | gcgatcagag | cgtaagggtc | tgggataaaa  | gtgaaagtgg | tgattggcat | 180 |
| tgtactgcta  | gctggaagac | acatagtgga | tctgtatggc  | gtgtgacatg | ggcccatcct | 240 |
| gaatttgggc  | aggttttggc | ttcctgttct | tttgaccgaa  | cagctgctgt | atgggaagaa | 300 |
| atagtaggag  | aatcaaatga | taaactgcga | ggacagagcc  | actgggttaa | aaggacaact | 360 |
| ctgggtggata | gcagaacatc | tgttactgat | gtgaagtttg  | ctcccaagca | catgggtctt | 420 |
| atgttagcaa  | cctgttccgc | agatggtata | gtaagaatct  | atgaggcacc | agatgttatg | 480 |
| aatctcagcc  | agtgggtctt | gcagcatgag | atctcatgta  | agctaagctg | tagttgtatt | 540 |
| tctttggaac  | ccttcaagct | ctcgtgctca | ttcccccattg | atcgccgtag | gaagtgatga | 600 |
| cagtagcccc  | aacgcaatgg | ccaanggtca | aaattttgaa  | tattaatgaa | aacccccagg | 660 |
| aaatatgcca  | aaagcttgaa | actcttatga | cagtcactgg  | atcctgttca | tg         | 712 |

<210> 2577

<211> 993

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(993)

<223> n = A,T,C or G

<400> 2577

|            |             |             |             |            |            |     |
|------------|-------------|-------------|-------------|------------|------------|-----|
| nncncttatt | gantccgtnc  | tgctggggaca | ctttgtgant  | cccattngan | gangcnctgg | 60  |
| tgtgtgngng | ggatgagggt  | ctgggtgtgcg | gatggatgag  | gtgctggtgt | gtngntggat | 120 |
| gagatgctgn | ngtgtggatg  | gatgagatgc  | tgggtgngtg  | atggatgang | tgctntgtgg | 180 |
| atggatgang | tgctggtgtg  | tggatggatg  | acgtgctggt  | gtgtggatga | ggtgctggtg | 240 |
| tgaggatgga | ccacnttnng  | gttttcncgt  | ttnggcactn  | nggntgantn | cncctttctg | 300 |
| ctcttgcant | tgnnnccctgc | gaaanttcnc  | cggacanntg  | catacatctt | tgtatgcacc | 360 |
| ggcatcactt | tgggnanatg  | attncgtnc   | ctgtgtnnng  | ttngggaana | nannatatat | 420 |
| aaatgtntct | ttntcttaca  | tnttatentt  | nncacccenn  | ccntntgngg | ctcccaagnc | 480 |
| nattnacctc | cacctgnttc  | tatcentccg  | cncgantgtc  | gtnatncaga | ggnggatccc | 540 |
| actcaacntt | tttnggatct  | ccctttcnaa  | gtcttttnnat | nantccttnn | tentttntct | 600 |
| ttgtaagtct | ntnaatgnta  | getctccana  | aatattctnt  | cccttgccgn | naaaaaanan | 660 |
| anngaccttt | cacnctttcg  | nggctntgag  | agcacacntc  | aactcctctc | ccccatcttt | 720 |
| nctntntntt | naacncttat  | attatcncta  | ttatcactct  | ntggtaagac | gtnacccccc | 780 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| tnntaaccan | tatnnctttt | cgtnnatann | aaccnctct  | ttatcattag | gggactcttt | 840 |
| ttntaganat | aatntcttac | atangcacgc | ntnnaaaata | ntacactcgc | ggtcnnncac | 900 |
| tctantant  | atncaactnn | cccccccc   | ccccntctt  | cntcnnnccc | ntcttnttg  | 960 |
| cnntcttcng | tntttntact | tcenatntan | ncc        |            |            | 993 |

<210> 2578

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 2578

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| ttttnnccc   | ntgaantaaa | aaaactagca | cantcnnant | tgctnnntga | agataagaac | 60  |
| cataacatgt  | atgttgcagg | atgtacagaa | gttgaagtga | aatctactga | ggaggctttt | 120 |
| gaagttttct  | ggagaggcca | gaaaaagaga | cgtattgcta | ataccattt  | gaatcgtgag | 180 |
| tccagccgtt  | cccatagcgt | gttcaacatt | aaattagttc | aggctccctt | ggatgcagat | 240 |
| ggagacaatg  | tcttacaggc | aaaagaacaa | alcactataa | gtcagttgtc | cttggtagat | 300 |
| cttgctggaa  | gtgaaagaac | taaccggacc | agagcagaag | ggaacagatt | acgtgaagct | 360 |
| ggtaatatta  | atcagtcact | aatgacgcta | agaacatgta | tggatgtcct | aagagagaac | 420 |
| caaagtgtatg | gaactaacia | gatggttcca | tatcgagatt | caaagttaac | ccatctgttc | 480 |
| aagaactact  | ttnatgggga | aggaaaagtg | cggatgatcg | tgtgtgtgaa | ccccangct  | 540 |
| gaagattatg  | aanaaaactt | gccagtcatg | agatttgcn  | aagtgactca | agaagttgaa | 600 |
| gtaccaagac  | tgtaacaagc | atatgtggtt | accctgggga | ngagatcaaa | accacctcga | 660 |
| ggncagtggg  | aatga      |            |            |            |            | 675 |

<210> 2579

<211> 667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 2579

|            |            |             |             |             |            |     |
|------------|------------|-------------|-------------|-------------|------------|-----|
| tnnctgtctg | tcgattacat | nntncngctn  | aggcgtctggc | agctgaagag  | cgtgttagga | 60  |
| ctctgcagga | agaggagagg | tgggtgtgaga | gcctggagaa  | gacactctcc  | caaactaaac | 120 |
| ggcngctttc | agaaagggag | cagcaattgg  | tggagaaatc  | agggtgagctg | ttggccctcc | 180 |
| agaaagaggc | agattctatg | agggcagact  | tcagccttct  | gcggaaccag  | ttcttgacag | 240 |
| aaagaaagaa | agctgagaag | caggtggcca  | gcctgaagga  | agcacttaag  | atccagcgga | 300 |
| gccagctgga | gaaaaacctt | cttgagcaaa  | aacaggagaa  | cagctgcata  | caaaaggaaa | 360 |
| tggcaacaat | tgaactggta | gcccaggaca  | accatgagcg  | ggccaggcgc  | ctgatgaagg | 420 |
| agctcaacca | gatgcagtat | gagtacacgg  | agctcaagaa  | acagatggca  | aacaaaaaag | 480 |
| atttgagag  | aagacaaatg | gaaatcagtg  | atgcaatgag  | gacacttaaa  | tctgaggtga | 540 |
| aggatgaaat | cagaaccact | tgaagaattt  | aatcagtttc  | ttccanactc  | cacagatcta | 600 |
| gaactntttg | gaagaacgaa | acctagaggg  | aatggaactt  | gaaanacctc  | attnctgatn | 660 |
| agacttg    |            |             |             |             |            | 667 |

<210> 2580

<211> 704

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 2580

|            |            |             |             |            |             |     |
|------------|------------|-------------|-------------|------------|-------------|-----|
| taacctcgnt | cgattccgtg | ctgtcggttan | accaagatag  | ccaagtggaa | cctgcaatca  | 60  |
| agaatgaata | agaatgaggc | tatagtgatg  | aaagaagcaa  | gtaggcaaaa | aactgtagct  | 120 |
| ttaaaaaagg | catctaaagt | ttacaaacaa  | aggettggacc | attttacagg | agctattgaa  | 180 |
| aagettactt | cccaaattag | agatcaggaa  | gccaagttgt  | ctgaaacaat | ttcagcttcc  | 240 |
| aatgcctgga | aaagtcatta | tgagaaaatt  | gtaatagaaa  | aaaccgaatt | ggaagtacag  | 300 |
| attgaaacaa | tgaaaaagca | aatcattaat  | cttttggaag  | atctgaagaa | aatggaagac  | 360 |
| catggaaaaa | attcatgtga | agaaaattct  | agaaaagttc  | actcaattga | atatgaaaat  | 420 |
| gaaactctga | atcttgagaa | tacaaaatta  | aagactacac  | ttgtctgttt | gaaggatgaa  | 480 |
| gttgatctg  | ttgaaaatga | actctcagaa  | ttgcaagaag  | tagaaaaaaa | aacagaaaaac | 540 |
| ccttattgaa | atgtataaaa | ctcangtaca  | aaagttgcaa  | gaagcactga | aatagtaaaa  | 600 |
| aagcagatgt | gaaaatttgc | ttcctaaaaa  | ttaccctatta | ccaaaaccca | aaataaaatg  | 660 |
| ttagaagatg | aaaggcccat | ggagtctcac  | tgaagggtta  | gagc       |             | 704 |

<210> 2581  
 <211> 1252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1252)  
 <223> n = A,T,C or G

<400> 2581

|            |             |            |            |            |            |      |
|------------|-------------|------------|------------|------------|------------|------|
| nnaacnnngn | ncgaattccg  | tgngetgtca | gccgcgcgct | ctccccccna | cactgnnccc | 60   |
| tgcggtgntn | gaaaacacca  | cctgatggcc | atgganggct | acnnnnagca | accggggtn  | 120  |
| ttctgtcaat | atcaantnng  | attcattaat | ntnctgacat | tactggacaa | gatggnaent | 180  |
| gccatncana | aagctagtng  | ttntntcnta | ttntttccta | atacnacnga | gnnanactan | 240  |
| cntatnnntn | ccntntngnc  | nngatttang | nnnnctntnn | aatnntaana | atcntcnana | 300  |
| tnatcttnan | ncntnatnnn  | ttctananna | ntnaacatta | nattacaann | cttacaaant | 360  |
| ccanantnna | atantctctc  | tanatagaat | atggcaataa | tntatnctat | cgtngtagt  | 420  |
| tctcatantt | atcnantgct  | natatnnagt | ntaactncca | catactantt | canactatat | 480  |
| nnctatcanc | tcaactctctn | ttacggntcc | tacntaaaac | tcnatacntc | tctatntnt  | 540  |
| antatctatc | nctctntnta  | tatntctagc | cactnnnnct | tancctcata | aagtntnaat | 600  |
| cacannntnt | ntntntgatn  | tcttcatata | gagctaantc | ancatatant | atttcataat | 660  |
| atcgagtatn | atncnganat  | ctcgttctta | ntactnngna | tatacacnac | atatateent | 720  |
| nantccaatn | attannnanc  | nctatatanc | natctctant | cncactattc | tcncgctgat | 780  |
| nacantagaa | atacnnatat  | ancacctctn | tcnnananat | tntcnacnca | tctnacatcn | 840  |
| nttgactacc | actactnaaa  | acnngnacat | gtcatctata | ntantctntc | tatatacagt | 900  |
| nnatnctcna | atanactcgn  | ctttcanaaa | gntnanacga | tanatgannn | tncnacnca  | 960  |
| taatcttnac | ctactactca  | natgganntt | gctctnataa | taccagncca | tggnccatt  | 1020 |
| tcacttttnn | tacactgatn  | tctntatact | naaanannat | agtatgttca | tgntactcac | 1080 |
| ncatntncaa | ttccanatan  | tgtntgtntt | atcgtncaen | tctgagatcg | atctnatana | 1140 |
| tancnantcg | cnttatncan  | actcnaatcc | tagagnccat | cactccnacn | ntaantatat | 1200 |
| ctntacatnt | gatggcgntn  | tcnctntctc | atctntcana | aacnagatng | cc         | 1252 |

<210> 2582  
 <211> 1306  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1306)  
 <223> n = A,T,C or G

```

<400> 2582
cctcttcccg nnggttntnn tcntntgaat gtnntntatg ttntgtgtnn tantgntntn    60
tntgttctnc atngtgtttc tgnntttgtt aantacnntn natatnantt gtggagnnan    120
ataacnatnn natatnantt ctngatgatn nntnncnnaa ttaancntga tccantccgg    180
ggctgttntt ctccgcanag ggccctgcc ttggntcttc tataagacaa ggngtncata    240
atnngggnat gaccttgaga caanaactgt nggngacttt ttctgccata gaccagatng    300
ctatggntga atataatgtt ttgntnegan ntctannatg catanntgnt tantctnttt    360
tcggnnngng nnnnatnnng tcgttttntt tnatttctca tnaatnctnt nctctattnn    420
cttatngngt gtnnecgtnt tcntgnntan ttntgtngnt ttanaagtt ttnanaaatt    480
ttngntntga anttacnaaa nnttgnttnt gannttnttn nnattgtnta nancnntntt    540
tccatntnat ttttatccga tatntntnn tcntttcntn tgttctctta ttngatttat    600
anttantnna ctgtntctac attntatnag attctagtct gtatgattng nantntcnnt    660
anattatgtt ntnggtgtg ntgtaanaan nncangttat gnnatgataa tttagnnann    720
tctggctnnn acatctttnc nctaactatn tntntgtctg tgattnnanc nntcatantt    780
tngantttct ttcttttng aattaatatn nntngantgg tgaatgnnca tatcaccttg    840
cgentagcta cttatgtacn ttttctctca cagcacnctt tcatacattt atatagatca    900
gnannntatn tngattngca ttctatagtn tgngtatttc ctctaactct ctntgtgnca    960
acattgcgtc tntnnntaan gatntacata agcnatanca tnnnatnttt nttntcggtt   1020
nttgtnntc ntcnntggta tntatatnnn tcttatagtn antntgtnta tnantaannt   1080
cttntnatan tatcataget tttagggtnt aatantacgn ggntatntcn nttaccttag   1140
tgtantatat natatntntt aatacatttg gngnctgngn acntnnccctt ttnnttatct   1200
atatctatga ngngtntcca tatnancnt attgngatag ggggtntctg gtggtnacca   1260
ctnnngantg tctnttatat nttntnantn tntnacnatt ctctnt                      1306
  
```

<210> 2583  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

```

<400> 2583
tacctcgntc gantccgttg ctgtcggaaa cctcaacaga cactgccgta acgaatgaat    60
gggagaagag gctttccacc tccccgtgc gactggccgc caggcaggag gatgccccca   120
tgatcgaacc acttgtccct gaagagaaaa tggaaaccaa gacggagtcc agtggaatag   180
agacggaacc caccgtgcac cacctgccgc cgagtgggga tgcttcttac tcggcgggag   240
tgttggtgga ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag   300
acagcgggga tgctgcagca cagcccgcat tcacaggcat taaagggaaa gagggctctg   360
ccttgacgga gggggctaaa gaggaaggag gggaggaggt cgctaaagct gtcctggaac   420
aggaagagac agccgctgct tcccgtagc gacaagagga gcagagtga gccatccaca   480
tttcagaaac tttggaacaa aaacctcatt ttgagtcctc aacggtgaag acggaaccca   540
tcagttttgg cagtgtttca ccgggaggag taaagctaga aatttccacg aaggaaatgc   600
cagtagttca caccgaaac ccaaaacat cacatatgaa tcatcacang gtcgatccca   660
ggccccaaga tcttgaagc ccaggcgtgc cttgatgagt gccacagacc gatcaccttc   720
ttgaaact                                     728
  
```

<210> 2584  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2584  
 agccttntnn atcccgtnge tgtegetctg tttctctggc taatgtatnt ttatcacacc 60  
 caagaaatnt aacgtttata agatgtaac atttaatat ccaaccatgt gtatactgct 120  
 tcagttgctc ctcagattcc tgaatctaac cagatataac actttgcatt ttgtttaccg 180  
 gtctctctag tcttctgtaa ttttcccagt ttttcccat aatactgatt tttttttcag 240  
 cattaaagct agctctcttg tagagtagtc cacagctctga atttatctga ttgtttcatg 300  
 attagattca gattaaatat ttttggagaa atacagcata ggtgattttt tttccctggt 360  
 gcattatata aggaggcatg aaagggttagc ctgcatgatt attggtgatg ttaaatttga 420  
 tcacttgatt aaggtagagt ctgctggtag aaaacatacc tttgaaatta aaagtatatca 480  
 gtaaccaaag attatcttgt tcaatgacca tctctcatct aatagggttt gtcattttatt 540  
 tatgatcctt gccagaatca gtgattacct tagtggttgc aaaatattga ttttctactt 600  
 caagagatgt gttaaaatnt ctttttaaaa attgttacct taagatggcc cttggctata 660  
 gtaatcattg ctctttttat ttanaatgga ttaggaagtn tgtgagaagn 710

<210> 2585  
 <211> 1453  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1453)  
 <223> n = A,T,C or G

<400> 2585  
 ctgctctent atnnantntt aannctgtgt nntatgtat gntnganata tcntctantt 60  
 nggattangt atctattgan ttttttnta cnggggtent attnacntat tntnttttac 120  
 ancatggtn ntntntntt nnttaccnng atcnannccg gggctgtnnt tgttcaccga 180  
 gatgcgcctt ctgggacact tccccttggg gccatcatcc ctgctcctna ctttntctcc 240  
 tctccccctc ccatgngatg tgntgcttga tttgttttac ccttencant tttttnatan 300  
 tantctntnc aatanncant ntatancttt antntcnact ttntnanact atnattttct 360  
 ntcnntaact cacttntatt nttncntttc tatgatgaan nttnttnta ntncgatttg 420  
 acnagntntt atgataatct natactactc tentaataata tnanntntng ttttatnttg 480  
 ttacctngta tenncttact tatnttnact ntacntatct ntntctantn tnntatttaa 540  
 ttcttanact attctaatac gcacntttct attgtantta tttaatgnnc annttngtcc 600  
 tncntctcta tacacancta ntacattant nntagntaac tatcnnnmnt atntctgtc 660  
 cgtntttctt cnttangntg tnnntcanat atgatnctg tttgncnact ctgactatcn 720  
 gnacattttc tnggtattcn cacggacnct cncntcctat ntcatnaca nncatntatn 780  
 ctatactnta ncttacnaat nantacnnt ntcanatatn cnatcntncn tatagtntnt 840  
 tatnttatct ataantaatn taagtaentn attcttttta ctgtcncnaa acaatgccat 900  
 gntatctacn tcatcnatta tntntctnn taenatgta ctatnntctn ctctatctaa 960  
 atnatntctt cnaanncgta tagntatctt aatntantnn anataatacc tatngntant 1020  
 acgtatccta tcaanatnat cgnnacnct tgatctgtta tnttantnta ntaacatanc 1080  
 ttctatctta ngttaagnat gtatatatna ncnnacatna nntattctat gentaantat 1140  
 cttatnttat tanntcance nctctcctn tcntatactt tcntaaacgc actatatnnt 1200  
 gtanatntaa ctaancnct ctctatctat gttcacctnt tatanaaaac tatcatacna 1260  
 ttanantctg atngtatcta tntctnttct catacttngt ntctgnaacc ctnttaccag 1320  
 catcacttat ttctngatna notatntaat ttccqntacq ctanncntnt atgtaatntn 1380  
 nttnnnaact natntctcan cccntctnta tctaaanngt tacncataat ntacctgtct 1440  
 cncgnncatn nnc 1453

<210> 2586  
 <211> 711

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(711)  
<223> n = A,T,C or G

<400> 2586  
tnaccacgat cgantccgtg ctgtcgaaat tttccagttc ttttttcagc ttctttatatt 60  
cctcctaattg gaaacattat ctttaaaaagt tgcataatagg aaatatacat attttacgtt 120  
tgaacaagga gattttaattg taaatatgaa agccaaagta ttcctgaatg gtcaaataca 180  
gcaataaagg cagaagaatt aagatttttc tttgttccat tgtacagtgt aaataactaa 240  
gttggttaact gtcaagtcca gttatgtatt ctgtaagttg tgttctagtc tttgactaaa 300  
atttatcatc tcttataatg ggacttaatc tttctctaaa agcatataag agcttgtcaa 360  
tagagcaatc aatcaaaaag attttgtgat tcataacatt gaagttagtc tgggttaagag 420  
ttttggttta gacttcattt atattttcct tactaatatc taatatttaa tgaataatga 480  
tcaatttttt ataaagttat taatatgatc agggaaacct ttgggacttc tgacaggcat 540  
ctggtgaaga gacaattcaa gccttagtga ctatttagaa tagccagtga tcactagcta 600  
attctcatat ccattgcctt ttgtcctgtt tacagtctta aaagangtaa aacagcaaat 660  
atttttttaa gggactatac cttaaggatt cctgaaaaag aatttcaaaa a 711

<210> 2587  
<211> 704  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(704)  
<223> n = A,T,C or G

<400> 2587  
taccnecntc gantccgtgc tgtcngcctt ttaatagttc cagtgagggtg agagctggat 60  
gaggtgggta caacagaatc atcaaaaatc tggccgttga tgggacctca gagtcacttg 120  
aggaagcaac atttgagcag catctaggag ccttctggga aaagatggag aaaactaaag 180  
acgttagggt tattgcaaac caatcaatca tactcactga tcacctacta gaggaaacct 240  
gtgataaac tttgtggggag atttatagaa agaagacgta tttgcacatc aggattttac 300  
atcatgatgt gtgcctgtgt gtgtctgaaa aatactagca taacaagctg gtgagtacac 360  
tatgaaaaaa aacaacaaca cctacttcat ttggcagagc accagaaatg agggggtaat 420  
gaggtcctgt ctttgtggca tggtaaaaaa aaaaaaaaat tgccctttta attcagtttn 480  
ttnttctgaa atgaaaaaag taanatttac cccctgaata cttgacagga tgtttgcaag 540  
gcttggttaa tttntgtaaa tgttttgagc tccntgang ngtgtgttct ntaaatagga 600  
ggtttaatag caccgtcana ctgaacaaac tganttgagc tgcantnntt ttccgggaaa 660  
naaacccaac ccccntaaag cntgaccccc ttctgggntt gcnc 704

<210> 2588  
<211> 726  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(726)  
<223> n = A,T,C or G

<400> 2588  
tacctngnnc gattccgtgc tgcennactg antaggtngc gcngtncana ctnacacagc 60

|             |            |             |            |            |            |     |
|-------------|------------|-------------|------------|------------|------------|-----|
| acctcgnttn  | tacacaggag | anngaaatgg  | ccgtactttn | agaactgcag | tgcttgtgag | 120 |
| gggatattnc  | ngccnnnnga | ntttnnngatg | tncatggnga | ttgtntnaag | gtnnngngnn | 180 |
| tnnecnnat   | gtggactttg | aatggtnat   | caaaagattg | gtttttgcag | agatttttaa | 240 |
| gggggagaat  | tctacaaana | antgntacct  | ntttannnn  | ncntnaanga | tganaatcct | 300 |
| ggtngaagnt  | ngttnaaaaa | nngctaaatt  | acntagacnt | angcattanc | nnntnnngnn | 360 |
| nncaatntng  | ccaccnctn  | tggnatcatc  | tagagtgaat | gttaccaana | tngcattcta | 420 |
| agntctattt  | aactgactcg | cactgnatga  | cgaattttaa | aaccttcttt | gnatnggntt | 480 |
| ancaaaaactg | tgntcacca  | ttgcacantt  | antgtcctat | ctatncatnc | gaaacttttg | 540 |
| ggggcctgtt  | agccnacact | tnaggaccng  | gccatctcat | tgggactcat | tgatggcttn | 600 |
| tntnctana   | aacantttnt | gttttnaact  | gggtatnacc | tcttntttan | gggatttttt | 660 |
| ttttngaccc  | caannactan | tttgagnatn  | ttntttttgc | gcaaaaaaaa | atggggttct | 720 |
| ttannt      |            |             |            |            |            | 726 |

<210> 2589

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1444)

<223> n = A,T,C or G

<400> 2589

|             |            |             |            |             |            |      |
|-------------|------------|-------------|------------|-------------|------------|------|
| ccccccccc   | natattannt | gtgtncnact  | nnanggagtn | ntttnttttn  | ctctnnnagt | 60   |
| tntangtta   | tcttnatnan | ncntnctcc   | agatacatag | angcntgggn  | ttnttcccca | 120  |
| tngcccctn   | ngggnttttn | taanaannta  | atcccnctn  | attgagcatc  | ntttncgccn | 180  |
| atnagaacnc  | ngggnttatt | ttngaactag  | gaanacggt  | cacnnctng   | cnggtgagtt | 240  |
| catgattaat  | anattacana | ngtggatnaa  | ntnnaaanac | gtcagtanan  | ctatnttnta | 300  |
| nnctnagana  | gngtgantgn | antnncnnac  | gaacngannt | nntatngtac  | tnctgangta | 360  |
| ggntactaaa  | ttacctnnan | ataatnacat  | ctaagtatng | tgggtctcta  | atgttatgaa | 420  |
| ngntacgctn  | ttaanngttn | gttnttgccg  | gntanntanc | naaacatann  | taactantgg | 480  |
| tgacaacatn  | tngntcagcn | acnntctctt  | aannatggga | angnacanat  | gncngnatcg | 540  |
| tacattangg  | ctcnggtatc | atgagnnctg  | ntnataanag | ataaggatan  | ntntccrtaa | 600  |
| tggaattcta  | antgtatggg | canataaaan  | gtanntgaaa | ncgnnntgcn  | aattgctacg | 660  |
| aanantgnat  | gcaatagnng | aagcgtatgt  | aagggtnccg | tctnttacgn  | anatatatag | 720  |
| tnttgntnat  | ancgatenta | taanntttatc | ttatgtatat | ctnnnacatt  | ttagntaca  | 780  |
| cgtgaangan  | nttgccanng | cannattaca  | tnacattgnt | ntnagtaagt  | gatnggnaca | 840  |
| ngcttaggga  | aatcantgag | cncagggnat  | ntnaatatna | tcggnttacc  | ntaggtnatn | 900  |
| ngaanatggn  | natgtaaaag | ngttcnnaat  | atatactntn | aacgatctgn  | nantgttang | 960  |
| gagtnntcta  | acacanggtt | aatntacggt  | nagtgaagng | aannnattan  | gtatncatat | 1020 |
| anaatngtga  | agcaaagaat | ntcgaacnct  | tanntcacnt | tcagctatnt  | aagctngagt | 1080 |
| acacnagcat  | tnntctntna | nttaancaat  | ngctacacgt | ctanactngc  | natatggtag | 1140 |
| agnatcacan  | gaacgtactc | ntttatnctc  | aggaatnnat | gaacgggtgag | acttntnaac | 1200 |
| gtntacangn  | naggaaatat | natnctnatgt | ctagntagna | cnaatatntt  | ctaacngacn | 1260 |
| aatnangtan  | tnngttgntn | aannaentcn  | tgntctatnt | tnnattnttc  | cacatantat | 1320 |
| atnctngaaga | tcaatatntt | atcatnactg  | tatgntagac | nanttggtan  | tantaanaac | 1380 |
| gnagcnctan  | acnntnncgc | aggantatnt  | annnacntng | tacgntctnt  | atacnnntan | 1440 |
| nnccg       |            |             |            |             |            | 1444 |

<210> 2590

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (739)



<223> n = A,T,C or G

<400> 2590

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| naaccacgat  | cgaattccgt | tgtgtgctgt | gtccttttct | aatagttcgt | gttttagaaa | 60  |
| ttcagaacaa  | acaatttctg | aatgctctc  | agaacgccaa | ctcaggcaga | gaatctcacc | 120 |
| gaaatagaga  | agaagctcat | gctcctggaa | gaaacagccc | gaggagagcc | gctgggccac | 180 |
| atctggccac  | tgctcgcagc | gctgtcagat | tgctggggcc | acatctggcc | actgtccaca | 240 |
| gtgctgtcag  | atccaaggag | agccgctggg | ccacatctgg | ccactgtcca | cagcgtgtc  | 300 |
| agatgccgac  | caaaccctgc | tttgggtgtg | aggtgggtcg | tctggtagcc | tcctttctta | 360 |
| agggtattta  | atctgtctga | aattgttttc | atgtatgcaa | tagatgttac | tgtaactgtt | 420 |
| ttataagggtg | cattgtcttc | accttggcag | gctctgtgcc | agtctgtgtc | tagtctgatg | 480 |
| ccattctctgc | acacatacat | ccttgcccca | ncattttgga | nggctggagt | taaggaataa | 540 |
| tcctgggtggg | gacttaatat | taactatttg | ggantgggaa | cttaatatgt | gacctcatg  | 600 |
| gtccaaactgg | gccccacctt | tcccaaacc  | caaaaaaang | gntgaanaat | ttntcttttt | 660 |
| taacaaaaaaa | cattttaacg | attaaggggc | aatacttntt | aaaaatnagg | ttaattaaag | 720 |
| tttnattncc  | ccacccaat  |            |            |            |            | 739 |

<210> 2591

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2591

|            |            |            |             |             |             |     |
|------------|------------|------------|-------------|-------------|-------------|-----|
| naaccncgnt | cgantccgtg | ctgtcggcag | agcgaaaggt  | ggncgagtcc  | tgaaggaggg  | 60  |
| cctgatgtct | tcattctct  | caaattctta | ggacggctcg  | gccctggaag  | gaacgctctc  | 120 |
| ggaattggcc | gcggaaccg  | atctgcccgt | tgtgtttgtg  | aaacagagaa  | agataggcgg  | 180 |
| ccatggtcca | accttgaagg | cttatcagga | gggcagactt  | caaaagctac  | taaaaatgaa  | 240 |
| cggccctgaa | gatcttccca | agtcctatga | ctatgacctt  | atcatcattg  | gaggtggctc  | 300 |
| aggaggtctg | gcagctgcta | aggaggcagc | ccaatatggc  | aagaagggtga | tggctcctgga | 360 |
| ctttgtcact | cccacccctc | ttggaactag | atgggggtctc | ggaggaacat  | gtgtgaatgt  | 420 |
| gggttgcata | cctaaaaaac | tgatgcacat | agcagctttg  | ttaggacaag  | ccctgcaaga  | 480 |
| ctctcgaaat | tatggatgga | aagtcgagga | gacagttaag  | catgattggg  | acagaatgat  | 540 |
| agaagctgta | cagaatcaca | ttggctcttt | gaattggggg  | ctaccgagta  | ctctgcggga  | 600 |
| gaaaaaagtc | gtctatgana | atgcttatng | gcaatttatt  | ggtcctcaca  | ggattaaggc  | 660 |
| accaattatt | aaggccaaga | aaaaaaaaaa | aaaaactcct  | ggnn        |             | 704 |

<210> 2592

<211> 1481

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1481)

<223> n = A,T,C or G

<400> 2592

|            |            |            |            |            |             |     |
|------------|------------|------------|------------|------------|-------------|-----|
| cnncccnenn | ancannngng | ntgaaagntg | tgntgatgga | tatnnaantn | antatatggg  | 60  |
| ntatattaat | gttttatnng | tacccctntn | aggtntntna | nntagntntn | tctttcctat  | 120 |
| ngtnnnnnnn | nnnnnnatga | ntaccnnngt | ngaattccgg | gctgtantcg | gcannnnngtc | 180 |
| ccccggctng | nganaattat | tatatnnata | ttacgnatan | nnatacatta | naattgtttt  | 240 |
| cntcttaaaa | tttggggggg | tttttttnat | ntcgagnatn | antntnaat  | nngcgatttc  | 300 |
| tctatacnat | tgctnatnta | ntanccttat | atnangatct | nctatgcatt | anancatgta  | 360 |

|             |             |            |            |            |            |      |
|-------------|-------------|------------|------------|------------|------------|------|
| ttntnnatgt  | gtntgtann   | attcttntgc | nttgntntat | naaatcnctg | tatttataag | 420  |
| natngtagna  | tnnttttatn  | aatacnang  | cngtanttat | nntnctattn | agtntntaat | 480  |
| tagttcnaag  | naanttatta  | canatnaatn | ttntatana  | nggtagntag | ctgtgatgcn | 540  |
| atcgaaactnt | tatntnatat  | gtatatntgc | aaaggactan | ataatngtat | gttatntnnn | 600  |
| cntncnangt  | acgtgcnenna | aggtatcgat | gtnatnanct | gcnncgтана | natnnngann | 660  |
| ntattnangt  | natngatntn  | atcgctacgt | tnngcnaaa  | tatcgttcct | attnctna   | 720  |
| ncnnanntat  | gntagantat  | gagnantata | centacgtaa | gganntatna | tatnttgtgn | 780  |
| tatcgтант   | naaacgtant  | atancgntg  | ngatgtgcat | nantattana | nnttanngaa | 840  |
| tgannntanga | ataggngnnn  | tgagtgnagt | aatntncata | tttnngtata | nattgcncta | 900  |
| ngnacgtgtc  | tgaagtntgt  | ntatngctct | cattatttat | ttcgancgct | antatttgtt | 960  |
| atgtantgat  | tacctanntt  | angtaatatn | tattnagnnc | tcttgacgtt | tatntgtnta | 1020 |
| gntatggнат  | cnnactnata  | taanatanta | gttgnntatg | anatctaatt | gnangtacia | 1080 |
| nnaantcaan  | gtnatattna  | atnacgatga | gnancgtnan | attagnntat | nntactgtaa | 1140 |
| tttaggctat  | atagtattnt  | gnntancnaa | anannacnca | tcttntncat | tcnncgatn  | 1200 |
| nntctatctt  | tngcangntc  | aagcaatnna | tgntnancta | nanaggtagg | ntcatannta | 1260 |
| gtntatnnta  | ttaattagen  | atnttcgtat | cngcacnana | tagntantat | anttnannnn | 1320 |
| attntaggnt  | ctgtattata  | tnantcnctt | ngagttntnn | cnnaagtata | gnnctacatc | 1380 |
| atqtnacatc  | tantnttgga  | nanatcnenc | gtntttgatg | actgnagtga | ntaanllaen | 1440 |
| agatngaata  | tatnngngct  | atctaaaact | acnacgttan | g          |            | 1481 |

<210> 2593

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 2593

|            |            |            |             |            |            |     |
|------------|------------|------------|-------------|------------|------------|-----|
| ttnccttttt | cnaattccgt | tgetgtcggn | acactttgtg  | atttccatta | aggccaactg | 60  |
| cattgactcc | acagcctcag | ccgaggccgt | gtttgcctcc  | gaagtgaaaa | agatgcaaca | 120 |
| ggagaacatg | aagccgcagg | agcagttgac | ccttgagcca  | tatgaaagag | accatgccgt | 180 |
| ggctgtggga | gtgtacaggc | caccccccaa | ggatgaagaac | tgaagttcag | cgctgtcagg | 240 |
| attgcgagag | atgtgtgttg | atactgttgc | acgtgtgttt  | ttctattaaa | agactcatcc | 300 |
| gtcaaaaaaa | aaaaaaaaaa | aaaaaaaaaa | aaaaaaaaaa  | aaaaaaaaaa | aaaaaaaaaa | 360 |
| aaanncnnnn | nnnngggggn | tttttttttt | ttttnccnna  | anaaaaaaaa | nnnttnnngg | 420 |
| ggnnnnnccc | ccccccctnt | tnnttnnnnn | nnnnnnnnnn  | nnnnnnnnnn | nnnnnnnnnn | 480 |
| nnnnnnnnnt | tnnnnnnnnn | ttntnnnnnn | nnttnnnnnn  | nnnnnnntnn | nnnnnnnnnn | 540 |
| nnnnnnnnnn | nnntnnnnnt | ntntntntnn | nnntnnnnnn  | nntttnnnnt | nnnnnnnnnt | 600 |
| tnntttntnt | nnnnnnnnnn | nnntntnttt | tnnnnnnnnn  | nnnnnnnnnn | nnnnnnnnnn | 660 |
| nnnnnnnnnt | nnnnnnntnn | ntnnnnnnnn | nnnnnnntnn  | nnntnnnnnt | nnnttnnnnn | 720 |
| tnntntntnn | nnntnnnnnn | nnnnnnnnnn | nnnttc      |            |            | 756 |

<210> 2594

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 2594

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| cccatactcn | catntccagc | tctatgctca | gagaattacc | agaaaataaa | attacatgaa | 60  |
| gcttgaatat | aggagatgg  | aaagatatta | gacaaatatt | aaagaaaatc | tgggccaggt | 120 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| gtggtggctc | acacctgcaa | tcccagcact | ttgggaggcc | caaggtggga | agattacttg | 180 |
| aggcaagggg | tttgagacca | gcccgggcaa | catagtga   | ctctgtctct | ttaaaaaaga | 240 |
| aagaaaagaa | aagaaagaaa | gaaaagaaaa | tctcagtga  | tgatggtcag | aatagaattc | 300 |
| aacataacaa | gtcattatt  | aaaatatttg | atctcactgt | gtacaattct | gaagacactc | 360 |
| attcatgtac | ttcattaaat | atttctagtt | tgctaaaaat | agaattaccc | ttcaaccag  | 420 |
| caatcccat  | actgggtatc | taccaaaagg | aaaaaaaaa  | tcattctatg | aaaagatgcc | 480 |
| tgcatgtga  | tgttcatcac | agaactat   | cagtagcaaa | gacatggaat | caaccangt  | 540 |
| gccatcaac  | agggggactg | gataaaaana | aggggtggta | caccggcccc | ccttgggaat | 600 |
| actattgccg | cccttttaaa | aaaccatgga | aatcctgtnc | ctttgcaata | acntngatto | 660 |
| cactnggagg | gcatttttnc | ttaa       |            |            |            | 684 |

<210> 2595

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2595

|            |            |             |            |             |            |     |
|------------|------------|-------------|------------|-------------|------------|-----|
| taacctcgnt | cgantccgtg | ctgtcgnttt  | ccactattga | cactgcccgg  | ctgattcaag | 60  |
| cttttgccca | tgaaagagta | tgcttgtcac  | ccagacgaat | taaattatat  | agcagcatca | 120 |
| ccaaccaaca | gaggagatac | cttgagaagc  | ggagcaaaca | cagcaagaaa  | gtgctgaata | 180 |
| caggatcatc | cctagtga   | tctgagcaca  | ccagaaggag | acacatccag  | gtagcaaacc | 240 |
| atgtgatttc | ttctgactct | atttctctct  | ctgccagtag | tttcttgagc  | tcaaactcta | 300 |
| ctttttgcaa | caagcagaat | gtacacatgt  | taaacaagg  | catacaagca  | ggtaacttgg | 360 |
| agattgtgaa | cggtgccaaa | aaacacactc  | gagatgttgg | gataactttc  | ccaactccaa | 420 |
| gttcagcga  | ggctaaattg | gaagagaaca  | gtgatgtgac | ttcttgggtca | gaagaaaaac | 480 |
| gtgaagagaa | aatgctcttt | accggttatc  | ctgaggacag | aaagttaaaa  | aagaacaaga | 540 |
| agaattccca | tgaaggagtt | tcctgggtttg | ttcctgtgga | aaatgtggag  | tctagatcaa | 600 |
| agaaggaaaa | cgtgcctaac | acttgtggcc  | tgggcatctc | tgggttgaac  | ccattaccaa | 660 |
| gaaccgaccc | tggagggagc | cactgnggga  | gcaaaactgt | canggggct   |            | 708 |

<210> 2596

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 2596

|             |            |            |            |             |            |     |
|-------------|------------|------------|------------|-------------|------------|-----|
| gngctgtcac  | actgaagttt | tgttcnagac | actttgggct | tcgctgattg  | aaaacaccac | 60  |
| accaactgaa  | aatcactgt  | gaaaaagaac | ctggtagtac | tgtcaatatc  | aagtaggatt | 120 |
| cattaatttt  | ctgacattac | tggacaagat | ggttcgtgcc | attcagaaa   | ctctttttct | 180 |
| ttcttcttct  | ttcctaatac | agtgaggcat | acaacgtagc | ctgccttatg  | gttaagttgg | 240 |
| gtgtatgact  | tgtaaacctc | cctcttgcta | ttaaagatta | tataatggga  | agttcattgg | 300 |
| ttttgaaagg  | cagaccaaac | ccaccatgg  | gatttctatt | ggcttttttag | atgtattgca | 360 |
| tttctctgag  | taaacccatg | tggctgagaa | atagtga    | gcttgttggc  | tgactgtggg | 420 |
| aaaaccialy  | aaggatcagt | tgatctcatt | tgggcaggag | tcagaaatgg  | ctgagaatct | 480 |
| aaaactatat  | atatgaggat | ggttttctct | tgatgttgca | atctttat    | taacatgttt | 540 |
| ttgtgttttag | cttctggagt | tgcctaacag | tataatttca | aatgagggtt  | aatttcagct | 600 |
| gtttaatttt  | aaactgtang | ggaacatgat | taaaaaaaa  | ttaaaggctt  | tatcatttgc | 660 |
| cttaaaattt  | taatggtttg | gtataaaaaa | gant       |             |            | 694 |

<210> 2597  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

```

<400> 2597
tgacctcgnt cgantccgtg ctgtcggcct aagcataaaa ccaaaattat aaaactccta      60
gaagataaca caggagaaaa cctggatgac cttgggttgg caatgacttt ttagatacaa      120
taccaaaggc atgctccttg aaagaaataa ttaattgaga agccagaagg caaaatggta      180
cagccatttt ggaagacagt ttggccgttt ctcacaaaac taaatatact cttaccatac      240
catgcagcaa ttatactcct tgggtgtttac ccaagacttg aaaacttgtg tctacacaaa      300
aatctgcacg agtgttttaa gcagctttat ttttatttat aattgccaaa gcttggaggc      360
aagtaagatg tccttttggt agtgaatggg taaactatgg ttcattccaga taatgagata      420
ctattcaatg ttaaaaataa ataagctatc aagccatggg gagagatgga ggaaactgac      480
atgcatacta ttaagtgaag gaagcccatc tgaaaaacgct acgtactata tggttccaac      540
tgtatgacgt cctggaaaaag gcaaaaacttt ggaaacagta aaaagatcaa tggtttagcag      600
gatttgggca ggggaangga tgaataggca gatcacagat gattttttang agagtaaaaa      660
atgcacngna ttagaatgga tggatcatat tatccatttg tncaaaccn ct              712

```

<210> 2598  
 <211> 860  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(860)  
 <223> n = A,T,C or G

```

<400> 2598
cgncctcgnt cgattccgtt gctgtcngcg cctgcctttc ccatctgtct atctatctgg      60
ctggcaggga aggaagaagc ttgcatgttg gtgaaggaag aagtggggtg gaagaagtgg      120
gggtgggacga cagtgaatac tagagtaaaa ccaagctggc ccaagggtgc ctgcaggctg      180
taatgcagtt taatcagagt gccatttttt tttttgttca aatgatttta attattggaa      240
tgcncaatTT ttttaatntn caaataaaaa gtttaaaanc ttaaaaaaa aaaaaaaaaa      300
aaccnncnngn gncctttttt tccttaaanc cnacttnaa aaaanccttt nnnnatttng      360
nccncccccc cnntaaantt cnnnncnntc ttactntnnt tncnattttt ctttttantn      420
tnnntctnc cntcattttc tntnnnttt tttnnanncn tntntnctcn anttctntac      480
tntnnnatte actnctctac ttcncttct actnttttnn nnanntcttn cntnnntnta      540
tctnctctnn tcactntnnt nnnnnttnnc tectnncnnt cnntnnnctc ncttnncnnc      600
nccnncattc ntnnnnnnntn nntattntnn nnnnncnanc ctntnncncc ntncnatntn      660
ctnnnnntnn ntctnnnctc nttnntatc tnnnnnnctt cttnnanntn cntcnntnt      720
cnntcnnnct nancttttnn nnnnnttatn anntctcnnt ancactnntn tnttncatnn      780
ncttntnttt nnnntnctn atntnctenn tanctnttnt tancnctact ctcantntnt      840
nttnccttnn nnnnnntncc

```

<210> 2599  
 <211> 939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(939)  
 <223> n = A,T,C or G

<400> 2599  
 cnacnacnnn nnannnnnnn nnangngnna nannganaaan naggnantan nnnngannnn 50  
 nanaanannn nnnangggga gancangnan ngannntaan nccacnnnnn nnnngaggc 120  
 gaannnnnaa agtannnnn nannnnnnag nannnnnnnn nnnnnntaana 180  
 ccttgngaa aaaccgggg gctgtnaaaa cncgcngag gncgcgtgn ngcnggaana 240  
 gtagaatcaa gaaccgagga ttttacatgg gactgggagg acgagcaaaa ggaggcttac 300  
 cgaatccgga gatcccgagg aggaggaaga ggaagaggag gaataannng naagaactgt 360  
 cacaggtang gaaacatctc agnaaaagca gggattgagc ttcataaagt nctaagggca 420  
 tatnaaggag caangacttg aaaccnngta aganaanggg ggtggaataa nctctgatac 480  
 ntccatgngc antggagagn naaaggngag agccacggaa agcacgagac agntcngngt 540  
 aaggggnctt ttncagttgn ggaancaggg agcaaanggc atcnagaggg nccngcaaca 600  
 caaancaata tgcttannag agggatnaat naanaacnnn ggagctaggc atgngaggcn 660  
 tcgagcctgg naaactacaa cactntggga aggccaaagg aggcggagaa taccaaccen 720  
 gaaacaaacg gtagagaaaa ccccatctcn actaaaaaan caaaaaatga gncngggcgt 780  
 nqngggcaca ancccggnan ncccanatnc ncanaaagct nnagggcang aagaaanncn 840  
 tcgaaaccag aacaagcaga angtaggagg noganatnaa aatagagcca gatngnqqan 900  
 ccaacangng nnaaaaagaa caaaaacatc naccnaaag 939

<210> 2600  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2600  
 gncacgatcg aatccgttgc tgtcgggggtg agagagatgg tgttctggac acttccccctt 60  
 ggtgccatca tccctgctcc tcttttctt cctctcccc tcccatgaat gtggggcttg 120  
 atttgtttta ccccttaagt gggctgaaga tgtaaagctt aacctcttcc aaactagatg 180  
 ctttgaggtt ccagctgtca ctgagaacag cttggtagct ggtgcagcgt accagcgtgc 240  
 agaggcagca ttgttcagct ggagcctcac tgctggagcc tcatctacca gagggctcct 300  
 tccatactgc ctccatgctt cgctgtagaa tcaggaggcg accacagcag cagaacactg 360  
 ccaccctagg atccagagct attgcacaaa attcacacac aggtgtggct gtgacgtgtg 420  
 gccataagca tcttttctt ttatggcaca gtttctgagt gtagcagagc ttgatggggg 480  
 tgagcccaac acccacactt ctctcactg ccttctccc ttctcagcac ctctgaactg 540  
 aggctggctg aaggaaagga agcaccagag atgattcccg aggtgttttt aggtcaggag 600  
 gcaactggcat gaggcangct ctgcagttgg gtatgacctg ccctgcttta cctgggacca 660  
 gaaattnctg ggaanggggc tctcaacgct gaaatggtga tgtnggggna a 711

<210> 2601  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2601  
 nacacgntcg antccgtgct gtcgctgggc tagaacctca ntctagtgtt caaaggagct 60  
 ggcagaatgg gttgtctcgg catggaggac ccaaaagcag agctccctgg tgctttgggg 120

|             |            |            |             |            |             |     |
|-------------|------------|------------|-------------|------------|-------------|-----|
| gagagtgaag  | cccttcattc | cactcctcat | tgcagaccag  | ctttcctggg | attcatgcac  | 180 |
| tgctttttgt  | aacgcctcaa | atgaaggcca | cagctcagcc  | aagtagaaga | gagctcctaa  | 240 |
| taaatagaagt | ctgggtgcct | ttgaatttat | aaaataatca  | aagttgctat | ttcctgctaa  | 300 |
| ggagacagat  | acagaacagg | tgataggcca | cagtcattac  | tgccccctgc | ttgttccttg  | 360 |
| agccccctggc | cttctacett | ttctaaactg | tgtcagaacc  | ctgggtgggg | acttcctttt  | 420 |
| gcttggttct  | cctgggcttg | aatggcaacc | tatattgaca  | gatttcatgc | cacagttctt  | 480 |
| tttcaaacaa  | gatgattcac | aatggaataa | ttgggttttg  | gaagaagcct | ttttaaaagca | 540 |
| aactatggaa  | aataattgat | gagtagcgca | gttttataaa  | actttttttt | ctattaccct  | 600 |
| tttaaaaact  | atgttgctaa | ctgcacatca | cactgcattc  | atatnctggg | gactaatacc  | 660 |
| ccttgacctt  | gccatttgaa | ttaangngga | aaaaagggtca | taagtnacat |             | 710 |

<210> 2602

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2602

|            |            |            |             |            |            |     |
|------------|------------|------------|-------------|------------|------------|-----|
| naccncgatc | gantccgntg | ctgtcggaga | gtggaggcca  | gagaagacca | aagctgagga | 60  |
| atgcgacctc | aggatttcct | tctttctggg | gatagttctc  | tttaggagga | agaggagtta | 120 |
| gccccctact | tgcttatccc | tctcctatgc | tctggagttc  | ctctccaccc | ttgcccccac | 180 |
| cccacattgc | ccccctcctg | tgggtcagtg | cctggccagc  | tcaggcagct | tgcgtcacag | 240 |
| taaggtaaag | ccagaatgag | ttttaggtct | gagtgcagatt | ggaaaagcca | ttcctctgac | 300 |
| cctccccacc | tgctcccgtc | tctccaggca | tctacctgc   | aagaggacac | tgtgaggcgc | 360 |
| aaaaaatgtc | ccttccagag | ctggccagaa | gcctgtgagt  | gctgttgaca | cgcacccttg | 420 |
| tgcacacaca | tcccccttct | ctttctgtct | cctacacaca  | catgtacaca | cacacacaca | 480 |
| cacaccctgc | atttcacaca | tgtgctgggg | gaagtcacca  | gaagcatgca | ggtactttcc | 540 |
| ctggagctag | tggggggaaa | agggctgcca | agtctaccag  | tccgcttgcc | aatagatcaa | 600 |
| agatcgcttg | agcaccgcga | gtacttgtga | aaaagtttan  | aaatatgagg | cctangagaa | 660 |
| ggtgtcctaa | gaagatggcc | aanaagaccc | attnccatac  | anctnttgtc | nattg      | 715 |

<210> 2603

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 2603

|             |             |             |            |            |            |     |
|-------------|-------------|-------------|------------|------------|------------|-----|
| naccncgatc  | gaatccgtgc  | tgctgcgggc  | ctcctatgcc | ttctttccgg | gcctgtttta | 60  |
| agagcatttt  | cagaatacac  | acagaaacag  | gcaacatttg | gacacatctc | ttaggttgtg | 120 |
| tattcttctc  | gtgcctgggg  | atcttttata  | tgtttcgccc | aaatatctcc | tttgtggccc | 180 |
| ctctgcaaga  | gaaggtggtc  | tttggtattat | ttttcttagg | agccattctc | tgcttttctt | 240 |
| tttcatggct  | cttccacaca  | gtctactgcc  | actcagaggg | ggtctctcgg | ctcttctcta | 300 |
| aactggatta  | ctctgggtatt | gctcttctga  | ttatgggaag | ttttgttctt | tggctttatt | 360 |
| attcttttcta | ctgtaatcca  | caaccttgct  | tcctctactt | gattgtcatc | tgtgtgctgg | 420 |
| gcattgcagc  | cattatagtc  | tcccagtggg  | acatgtttgc | cacccctcag | tatcggggag | 480 |
| taagagcagg  | agtgtttttg  | ggcctaggcc  | tgagtggaa  | cattcctacc | ttgcactatg | 540 |
| tcctctcggg  | ggggtttctt  | aaggccgcca  | ccatagggca | agataggtcg | gttgatgctg | 600 |
| atggccaacc  | tctacatcac  | angagetgcc  | ctgtatgetg | ccccggatcc | ccgaaccttt | 660 |
| ttncctggca  | aatgtgacat  | ctnggttcac  | tctcatcaac | tgggttcn   |            | 707 |

<210> 2604  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

```

<400> 2604
tgcttgcaat taaattcncc gtctcagttc aagagtgaat atagcaactt atgtgaacct      60
gagcagtttg tggttgtgat gagcaatgtg aagagactac ggccacggct cagtgcattt      120
ctctttaagc ttcagtttga agagcaggtg aacaacatca aacctgacat catggctgtc      180
agtactgect gcgaagagat aaagaagagc aaaagcttta gcaagttgct ggaacttgta      240
ttgctaattg gaaactacat gaatgctggc tcccggaaatg ctcaaaccct cggatttaac      300
cttagctctc tctgtaaact aaaggacaca aaatcagcag atcagaaaaa aacgctactt      360
catttccttg taagaaatat gtgaagagaa gtaccctgat atactgaatt ttgtggatga      420
tttggaacct ttagacaaag ctagnaaagc tntgtanaaa cgctggaaaa gaatttgagg      480
canatgggaa ggcagcttca acagcttgag aangaattgg aaaccttttc cccctcctga      540
ggactttgca ttgacaagtt ttnggaacnaa agatgnccaa gatttgtaaa cnaglttgcaa      600
aaagnacaaa tatgagacac ttttcgaagt ttacacgaaa acnntgggaa aagttattcc      660
cgaantttaa taggnatact tttgcccata gatttgaaaa aagg                          704

```

<210> 2605  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

```

<400> 2605
nnagatcagc tcttggttct tttgcaggat cccatcgatt cgggatcctc caggctgccc      60
gctgggaagg cgtgggagac ccggtgtgtg gcgcgcccag agccccgcgt ttcagcccta      120
gggaaggaag ccagttgagg gaagttctcc atgaatgtac gtcacaatga tgatgaccga      180
ccaaattcct ctggaactgc caccattgct gaacggagag gtagccatga tgccccactt      240
ggtgaatgga gatgcagctc agcagggtat tctcgttcaa gttaatccag gtgagacttt      300
cacaataaga gcagaggatg gaacacttca gtgcattcaa gatgaagtgg tgaagagagc      360
ctgcgattga agattttttc atctcagctt tttccccctt accttgttct ctctcatgtt      420
tcatgatctg tgcatagat atttcttcat tacgagcaact tcgcggtgtg gcttttcaat      480
gtctgaagtg gattaagtgg ccacagtcga gttctgtgac ttgagtttca aaagtnaaat      540
taccatcaac aatgtgattc aattttatct tctatactag ctaaaaagcaa ggaactatat      600
tattaacaat cttggcttta ctgtagttta aggcagggtga tgatgatgct tattagtcca      660
cctgaaagag tccttccang tttttggaac cttattcctg cttattacct tgcccttgaa      720
aagtccttca tggaaagtgg aat                          743

```

<210> 2606  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

```

<400> 2606
attcanatac anctacttgt tcttttttgc ggateccctcg attcgggagc ctccaggctg      60
ccggctggga aggcgtgggc gaccgggtgt gtggcgcgcc cagagccccg cgtttcagcc      120
ctagggaagg aagccagttg agggaagttc tccatgaatg tacgtcacaa tgatgatgac      180
cgaccaaatt cctctggaac tgccaccatt gctgaacgga gaggtagcca tgatgcccca      240
cttggtgaat ggagatgcag ctccagcagg tattctcggt caagttaatc caggtgagac      300
tttcacaata agagcagagg atggaacact tcantgcatt caagatgaag tggatgaagag      360
agcctgcgat tgaagatttt ttcattctcag ctttttcccc cttaccttgt tctctctcat      420
gtttcatgat ctgtgtcata gatattttct cattacgagc acttcgcggt gtggcttttc      480
aatgtctgaa gtggattaag tggcccacag tccagttctg tgacttgagt ttcaaaaagt      540
aaaattacca tcaaccaatg tgattcaatt ttatttttct atactagcta aaagcaaggg      600
aactatatta ttaacaatct tggttttact gtatttaagg caggtgatga tgatgcttan      660
taatccccct gaaaa

```

<210> 2607

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

```

<400> 2607
ntccccccat cggacctcca gctgcccgtt ggggaaggcgt gggcgacccg gtgtgtggcg      60
cgcccagagc cccgcgtttc agccctaggg aaggaagcca gttgagggaa gttctccatg      120
aatgtacgtc acaatgatga tgaccgacca aattcctctg gaactgccac cattgctgaa      180
cggagaggta gccatgatgc cccacttggt gaatggagat gcagctcagc aggttattct      240
cgttcaagtt aatccagggt agactttcac aataagagca gaggatggaa cacttcagtg      300
cattcaagat gaagtgggtg agagagcctg cgattgaaga ttttttcatc tcagcttttt      360
cccccttacc ttgttctctc tcatgtttca tgatctgn gn catagatatt tcttcattac      420
gagcacttcg cgggtgtggct tttcaatgtc tgaagtggat taagtggccc acagtcagtt      480
ctgtgacttg agtttcaaaa gtaaaattac catcaacaat gtgattcaat tttattttct      540
atactagcta aaaagcangg gaactatatt nttacaacatc ttggctttac tgnangttta      600
aaggcagggt atgatgatgc ttatttaant ccaccttgga aagaagttcc cttcnnggtt      660
ttttggaagc ttttatttcc tgctttaatt aacctttgcc cccttgga aaagtcctttc      720
attgggaaaa gnggggaaac anctgngggt tgacnc

```

<210> 2608

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

```

<400> 2608
gnnnnnttct aatacnnggc tacttgttct ttttgcagga tcccatcgat tcgaattccg      60
ttgctgtcgc taccattgca agacccagga ttgcaaggga tgggtgcttct ttgaggatga      120
tgtcaatgag ttcacctgcc ctgtgtgttt ccacgtcaac tgctgtctct gcaaggccat      180
ccatgagcag atgaactgca aggagtatca ggaggacctg gccctgcggg ctccagaacga      240
tgttqctqcc cqqcaqacga caqagatgct gaagggtgat ctgcancagg gcgaggccat      300
gcgctgcccc cagtgccaga tegtgtgaca gaagaaggac ggctgcgact ggatccgctg      360
caccgtctgc cacaccgaga tetgctgggt caccaagggc ccacgtctgg gccctggggg      420
cccatgagac accagcgggg gctgccgctg cagggtaaat gggattcctt gccacccaag      480

```



|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ctgtcagaac | tgccacttga | gctaaagatg | gtggggccac | atgctgaccc | agccccacat | 540 |
| ccacattctg | ttagaatgta | gctcaaggag | cttcgtggac | ggccttgctt | gcttgtaanc | 600 |
| gtttgtaagg | gcccgtgctg | cactgcggtt | gtcacggtea | catctgcccc | aatgcctttg | 660 |
| tccttccttg | ggccttgccg | gcagactttn | tatccctgcg | nttccaacct | ntgctgaccc | 720 |
| cagcttaaac | at         |            |            |            |            | 732 |

<210> 2609

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 2609

|            |            |             |             |             |             |     |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| tcttctcga  | attncgtgct | gtcgtacca   | ttgcaagacc  | ccagattgca  | agggatgggtg | 60  |
| cttctttgag | gatgatgtca | atgagttcac  | ctgccctgtg  | tgtttccacg  | tcaactgcct  | 120 |
| gctctgcaag | gcatccatg  | aqcaqatqaa  | ctgcaaggag  | tatcaggagg  | acctggccct  | 180 |
| gcgggctcag | aacgatgtgg | ctgcccggca  | gacgacagag  | atgctgaagg  | tgatgctgca  | 240 |
| gcagggcgag | gccatgcgt  | gccccagtg   | ccagatcggt  | gtacanaaga  | aggacggctg  | 300 |
| cgactggatc | cgctgcaccg | tctgccacac  | cgagatcttg  | ttgggtcacc  | aaggccacg   | 360 |
| ctggggccct | gggggcccان | gagacaccaa  | cgggggcttg  | ccgctgcagg  | gtaaatggga  | 420 |
| ttccttgcca | cccaactgtc | aaaactgcca  | ctgagctaaa  | gatggtgggg  | ccacattgct  | 480 |
| gacccaaccc | cacatccaca | ttntgttana  | atgtagctta  | agggagcttc  | gtggacggcc  | 540 |
| ttgcttgctg | taacgttgta | aggggcccctg | ccttgcaactg | nggttggtcca | cggtcacatt  | 600 |
| ttgcccgaat | gcctttgtcc | tttccnttgg  | ggcttgccgg  | ncaaaacttt  | ttttncctt   | 660 |
| ggggnttccc | accttttgnc | ttgancccca  | ancctttaaa  | aaataanccc  | cctgggccaa  | 720 |
| aaggcctttt | cnttgggtn  | ggaanccctn  | ttggggggaa  | ctccattaan  | ttctttccca  | 780 |
| ancanaaaaa | aaa        |             |             |             |             | 793 |

<210> 2610

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2610

|             |            |             |            |            |            |     |
|-------------|------------|-------------|------------|------------|------------|-----|
| gnnnnttnnn  | tttatanata | caagctaact  | gttctttttg | caggatccca | tcgattcgaa | 60  |
| ttccgttgct  | gtcggcgggg | aggacgtacc  | ttgtgagatg | cgagccggcc | aacagcttgc | 120 |
| aagcatgctc  | cgctggaccc | gagcctggag  | gtccccgct  | gagggactcg | gccccacgg  | 180 |
| ccctagcttc  | gcgaggggtg | ctgtcgaccc  | cagcagcagc | agcggcggcc | gagggggcgc | 240 |
| cgagccgagg  | ccgcttccgc | tttctacag   | gcttctggac | ggggaggcag | ccctcccggc | 300 |
| cgctgctctt  | ttgcacgggc | tcttcggcag  | caaaactaac | ttcaactcca | tcgccaagat | 360 |
| cttgcccag   | cagacaggcc | gtaggggtgct | gacggtggat | gctcgtaacc | acggtgacag | 420 |
| ccccacagc   | ccagacatga | gctacgagat  | catgagccag | gacctgcagg | accttctgcc | 480 |
| ccanctgggc  | ctggtgccc  | gcgtcgctgt  | tgcccacagc | atgggaggaa | agacagccat | 540 |
| gctgctggca  | ctacagaggc | cagagctggg  | ggaacgtctc | attgctgtag | atatcagccc | 600 |
| antggaaagc  | acaggtgtct | cccactttgc  | aacctacgtg | gcaaccattg | aaggccatca | 660 |
| acatcgcaag  | attaaacllg | cccgnntccg  | tgccccaaaa | actggcggga | tgaacaaggn | 720 |
| ttaattttctg | tcattncaag | gaacatgggc  | cnttccggna | ncacctn    |            | 767 |

<210> 2611

<211> 949  
 <212> DNA  
 <213> Homo sapiens

<400> 2611  
 tggaaactat gtccttgcac ccaaagaagg ttcttttgaa ctttatggag accgagtcct 60  
 gaaactggga actaacatgt acagcgtgaa tcagcctgtg gaaactcatg tgtctggatc 120  
 atcaaagaac tttagcctcat ggaccagga aagcattgct ccaaaccctc ttgctaaaga 180  
 agagctgaat ttcttggcca ggctgatggg agggatggag attaagaaac ccagtggccc 240  
 tgagcccgga ttccggttga atctctttac caccgatgaa gaagaggaac aagcagcgct 300  
 aaccaggcca gaagagttat cctatgaagt tatcaacata caagccaccc aggaccagca 360  
 acggagcgag gagctggctc gaatcatggg ggagtttgag atcacggagc agccaaggyt 420  
 gagcaccagc aaaggggacg atttgctcgc catgatggat gagttatagc tgttctgacc 480  
 aggcgtcctc tgcccccagg gagaggctgc tggatgggtga cccctgggga atgccccatg 540  
 gccagaatg atgctgctag ttttctactg agtgaagcca ttacgtctat ttcttattta 600  
 tgttgtaagg aactgtgtga gtctcccttg aggagcactc actcttgaag gcacacacat 660  
 acacatatat ttagtgaaat atattctgac ttttaaactt gacctttccc attttattct 720  
 taattctgag gcaggagaat cgcttgaacc caggaggtgg aggttgagc gagccaagat 780  
 catgccattg cactccagcc tgggcaacaa gagcgaaact ctgtctcaat taaaaaaaaa 840  
 aaaaaagaata taaatcacca aataaatgtt aattgctccc taccatttaa agttacatt 900  
 ccttacctat aaagacaacc tccccctcca catactcagc gaaaagtct 949

<210> 2612  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 2612  
 aattccgttg ctgtcgctgc tatcgaactc atcatcctta tggaggtctt caggggcccc 60  
 agagacactg cagagagtgt cagggaatttc cttccccaca acagaattgc tgagggtctg 120  
 ggaagcatgg agggaggaag cagaattgag ggaccactgg cgcantgnnn ggatcangag 180  
 ctatacttct tcngaactg atcnntgntn cctgcatntt ntgcacnagg nnnnaggatn 240  
 ancttntaat anannctgnt gtnnntcctn agnnantnnn gtnggttcta agg 293

<210> 2613  
 <211> 534  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(534)  
 <223> n = A,T,C or G

<400> 2613  
 aattcggtgc tgtcggagt tattgctttc caggggtcac tctggcttcg actccgtcgc 60  
 tctcaattcg tcaccrggag gaagacggag ctggctgccc agcccaaagg cccatgaggg 120  
 gatgcagtta tgggctctgt cgccgtggat tgttattttg tgtcagtaag taatccataw 180  
 wgtgccaaaca tgggaaagaa acggwcaawg ggaaaaaactg ttccaatcga wgattccctyt 240  
 gaarctttar aacctktgtg yakacacatt agaaaaggat tggaaacaagg taatttgaaa 300  
 aaggctttag tgaatgtgga atggaatatc tgccaagact gtaagactga caataaagtg 360  
 aaagataaag ctgaagaaga aacagaagaa aagccttcag tttggctgtg tcttaaagt 420  
 ggccatcagg gctgtggcag aaattctcag gagcagcatg ncttgaagca ctatctgacg 480

ccaagatctg aacctcactg tctgggttctt agtttggaca actggagtgt atgg

534

<210> 2614

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 2614

|            |             |            |            |            |            |     |
|------------|-------------|------------|------------|------------|------------|-----|
| aattccgttg | ctgtcgggac  | atgaaggcct | gccaggagga | cgatgtgcgg | ctcctgtgcc | 60  |
| acctcaagcc | ctccatctac  | acagagtttc | cagatgaaac | cttgaggagc | ggagagctgc | 120 |
| tgaacatgat | cgtggctggt  | attgactctg | cacagctcca | ggagctggtc | tgccacgtga | 180 |
| tgatgggtaa | cctgggttatg | tttcgaaaag | actcagttct | caacatactc | attcagagcc | 240 |
| tagactggga | gacctttgag  | cagtattgtg | cctggcagct | ctttctggcc | cacaatattc | 300 |
| ccctggagac | cataatcccc  | atcctgcagc | acctcaaaat | acaaggagca | cccagaagcc | 360 |
| ctgttccctg | cctactggct  | tncaacttcc | ggaaggagga | aaaagnccca | ggcgaggggg | 420 |
| gatgggtgga | aggtgngtag  | ctgaaggccg | ggcc       |            |            | 454 |

<210> 2615

<211> 592

<212> DNA

<213> Homo sapiens

<400> 2615

|            |             |            |             |             |            |     |
|------------|-------------|------------|-------------|-------------|------------|-----|
| atTTTTagtt | tttcgagtag  | accgtcccag | aaagaaatac  | gctataacac  | ccaccagcct | 60  |
| gagggctgca | ttgctgtgga  | agcaggaatg | gataccctta  | tcatgcatct  | ctgcgaagaw | 120 |
| wctgatsmcy | wgmswrctak  | wmkktyatct | tgywgkagga  | tggatcttta  | tttcacgaac | 180 |
| agtccaagaa | atgtgtccag  | gctgcgagga | aggagtcgag  | tgacagtttc  | gttcactctt | 240 |
| tacgagactg | caccaactcg  | gatcatcaga | aatgggttctt | caaagagcgc  | atgttatgaa | 300 |
| gcctcgtgta | tcaaggagcc  | catcgaagga | gactgtggag  | ccaggactct  | gccaacaaaa | 360 |
| gacttagcta | agcagtgaac  | agaaccacc  | aaaaactagg  | ctgcattgct  | ttgaagaggg | 420 |
| aatcattttg | ccatttgtga  | aagttgtggt | ggatttagta  | aaaatgtgaa  | taagctttgt | 480 |
| acttattttg | agaacttttt  | aaatgttcca | aaatacccta  | ttttcaaagg  | gtaatcgtaa | 540 |
| gatgttaacc | cttgggtattt | agaaaattaa | aaccttataa  | tattttttcta | tc         | 592 |

<210> 2616

<211> 682

<212> DNA

<213> Homo sapiens

<400> 2616

|            |            |            |            |             |            |     |
|------------|------------|------------|------------|-------------|------------|-----|
| aattccgttg | ctgtcggctg | gtggcaccct | cccttggggc | ggaagactgg  | gaattcctgc | 60  |
| taagtgtggc | ttctagagtg | tttgtgtgta | ccccgcttct | gactgcctag  | ggcgagtggg | 120 |
| catcctgtca | tcatctccac | tgteccaagc | agtcactagg | tggcgggccg  | gccagctgga | 180 |
| accagcccca | tctctcagg  | cagagcaggg | tggtccgggc | acactggggc  | tgctctcca  | 240 |
| gcctcaggat | gctcttgttt | attctgggct | cagaccctcc | tcttgtacgt  | ctcatcacag | 300 |
| ctggtagaga | cccaggagtg | cctgattktc | ccacaggggt | ggcgcacagc  | tctgggacca | 360 |
| ctcagaagat | gggatgtgtg | ggtggaggat | gccttgcttc | ggtcagctca  | ttcctgcctc | 420 |
| cttcctgagc | cagttcaggg | cctgggggag | agccagcttg | gggtagggaag | ttaataatac | 480 |
| tgtaattttg | ggttgttgtt | ggatttactt | tgctagattt | tctcttllac  | cacgtgtgaa | 540 |
| ctgtgggtga | ggtttcaaag | tagcttcacc | ccacgtggct | tggttcccag  | ggacagtcag | 600 |
| gcctcggggg | cccagctatg | tacaacgaag | ctgtcgaagg | agaagacaat  | aaagtcgtcc | 660 |
| gcagctgctc | tgtgtgtttc | tc         |            |             |            | 682 |

<210> 2617  
 <211> 581  
 <212> DNA  
 <213> Homo sapiens

<400> 2617  
 aattccgttg ctgtcggaaa gtctgcacaca gcaaaactggc tgagtctgtg gaaaaggcca 60  
 ttgaagagaa aaaatacctt gctggggcag acccttctac tgtggaaatg tgttaccctc 120  
 ctatcattca gagtgggtggc aactataatc tcaagttcag tgtggtgagt gacaagaatc 180  
 atatgcactt tggggtctats acttgtgccca tgggtattcg cttcaagtct tactgctcca 240  
 accttgytcg cactttgatg gttgatcctt ctcaagaagt tcaagaawat tataactttt 300  
 tgetccagct tcaagaggag ctgctgaagg aattaagaca tgggtgtgaag atatgtgacg 360  
 tgtataacgc tgtcatggac gtgggttaaaa agcagaagcc agaactgctg aacaaaatta 420  
 ccaaaaacct aggggttggg atgggaattg aattcccgtg aaggctccct agtaatcaat 480  
 agcaaaaatc aatacaaaact tgaagaaagg aatgggtttc agcatcaatt taggattctc 540  
 cagacctgac taacaaggag gggaaaaaagc cagaagagaa a 581

<210> 2618  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<400> 2618  
 aattccgttg ctgtcggcac tgggtggcaag aggctgctga tccccgttgt gcttgggtgtg 60  
 gacagcctca actcggccat ggcgggcaagc atcctgcttt tcgaagggaa aagacagctg 120  
 cggsggaggt ctgggaastt gagcaggagc aggagttacc actgaggacg cagaagtgcg 180  
 ttctgcttga ggacgtctgc agctcctcct acaccagcac actggtggga ggctggcgga 240  
 gtcagtgcact atggccccca cgttcaggag gaaggtgtga tgccgtcata cagttacagg 300  
 aaaaataaga acttcctcag aaagaacagg tccgaattct tctgtctcgc tactgattt 360  
 tgaggttctt ttttctcttg gtgacaatag gtgaccacag tggctctgtg tgtttttaa 420  
 aattgtccac caagaagcac tttgtscyca gaaagttcct gaagcatcat cctggcaggg 480  
 aggcgcctgc tccaccagct ggtgggtgtt tgtaatcgcc aagcaccagc tataggtcac 540  
 agccacatca ctcacagctg atcactggtt ggtggaaaat aaactatgag cagc 594

<210> 2619  
 <211> 859  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(859)  
 <223> n = A,T,C or G

<400> 2619  
 aattccgttg ctgtcggggtt gttgaaagtc cagatttttc caaggatgag gactacttag 60  
 gaaaggttgg aatgttaaat ggaggccgcc gaattgacta cgttctccaa gaaaaaccaa 120  
 tagagagttt taatgaatac cttttcgtc ttcagagtca cttatgctat tgggaatctg 180  
 aagatactgc tctgttacta cttaaagaaa tttatcgaac aatgaacatt agtccagaac 240  
 agccccagca ttgatcaaac ttcagtttta ctgtactttc ttgtctgcac agaaagtccc 300  
 agtacaactt ccattgctga gaaaatcttc agaggacttt ccacttcgc tctgtgatg 360  
 gatcacagaa gagtgttca ttaacaattg ctcagccaca attctcggat atagggattc 420  
 aaaagacagg ayacagaact aacacagtga aaaaaatcag taccacattt ggacagtata 480  
 ggtgagaaaa cataattata aaaaatgatgc catgaaaaat tccacagatc aqtttagttg 540  
 tatagttgtc aaagttatat gtgatataca tgaagaaata tttgtagcat gtaaacgggt 600  
 atttctgttt cttaaaaagt attgttartg ggctattaaa cttggatttt tctttttatt 660  
 aatgcagtat gtncttttta tycaagtatg acttgttgag aactatagta atatgatttt 720  
 taagagattt atgttcnctt aaaatgtgaa ttgtacttct gagctgctta atcaggycat 780

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| ttatatattgt taagaggaat accagatcac tcatatccca ctgaatctga ggttttataat | 840 |
| cccnccaacg atgctggng                                                | 859 |

<210> 2620  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens

|            |            |            |             |             |             |     |
|------------|------------|------------|-------------|-------------|-------------|-----|
| <400> 2620 |            |            |             |             |             |     |
| aggcgcggtg | ccccagagt  | gggtgcctgc | actctcagct  | tccacaccct  | caccctaccc  | 60  |
| ctacatcgga | cacccccaa  | yatgtmgs   | sgssrgaagc  | cacagtcgcc  | gccgccagg   | 120 |
| settgctcct | ggctctgtcc | tttgcctccc | tccgctcctg  | ctcagttgtg  | atccagcagc  | 180 |
| ccccctcccc | actgcctccc | cagctctcag | tgacccccgac | tgtctcctga  | cttagccgag  | 240 |
| gtaaggtcag | yscmgcagac | agggccagay | tgrggwgtgs  | sgskcykwsc  | yrgrcacats  | 300 |
| msysasgscy | ctggcttact | gggaaacagc | gattgacctg  | tgcctctgac  | agcccccgag  | 360 |
| acaccttgag | gaggccgctc | cttcccagac | acacccccac  | gccccactg   | gacggcattg  | 420 |
| gaggaaggga | cagctgcttg | ggttctaatg | ctcctgctct  | cttctctttt  | ccccccaac   | 480 |
| cagttcaatc | tcattccctc | cagcagctcc | ccttccaccc  | cccggggaac  | tgaagattgt  | 540 |
| cctggccgcg | acctgagacc | tccatgagt  | gaggggaag   | tgatctatgt  | ctcttcccc   | 600 |
| agcagctcgg | accactcccc | gccccccatc | cccccgcttc  | ccaggggagc  | tgggggaattc | 660 |
| ctgccaagca | ccttgaatgg | gaggggctc  | acagagggca  | gggccagggt  | ccagcagggg  | 720 |
| tgggggggtt | ctgctctgcc | cctgcccgtc | cccacccagt  | cctgcccctc  | cactctctca  | 780 |
| tctattcccc | cgctggagac | ggaagatctt | ttattttcta  | ttattttataa | cttcagactt  | 840 |
| gggccccctg | ttctttcttt | cccattaact | tgagtgaact  | gtgtgagaga  | cagacagatg  | 900 |
| ccccacgagg | atggctggac | aaggactttt | actttttatt  | acataaaaaa  | attaaaaaat  | 960 |
| aaataaaaaa | aataaaattt | taaactaa   |             |             |             | 988 |

<210> 2621  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

|             |             |             |             |            |             |     |
|-------------|-------------|-------------|-------------|------------|-------------|-----|
| <400> 2621  |             |             |             |            |             |     |
| gccccaaagga | gtgctagctg  | aggggtggtg  | ctgggggtgt  | cctcatggac | agtgaggtgt  | 60  |
| gcaagggtgc  | actgagggtg  | gtgggagggg  | atcacctggg  | ttccaggcca | tccttgctga  | 120 |
| gcatctttga  | gctgccttc   | cggtgggagc  | agaaaaggcc  | agaccctgct | gagttaarag  | 180 |
| gctgctggga  | tccactgttt  | ccacacagcg  | ggaaggctgc  | tggaacagg  | tggcagagaa  | 240 |
| gtgccatgtt  | tgcgttgagc  | cttgcagctc  | ttccagctgg  | ggactggtgc | ttgctgaaac  | 300 |
| ccaggagctg  | aacagtgagg  | aggtgtgcca  | ccttgcttgg  | ctcactggga | ccaggaaagc  | 360 |
| ctgtcttttg  | ttaggctcgt  | gtacttctgc  | aggaaaaaaa  | aaaaggatgt | gtcattgggtc | 420 |
| atgatatttg  | aaaaggggag  | gaggcccaag  | tttttcccct  | ttatccagt  | attgggaaat  | 480 |
| tatttgacce  | ccttggtctga | attcttttgc  | agaactactg  | tgtgtctgtt | cactaccttt  | 540 |
| tcaggtttat  | tgtttttatt  | tttgcattga  | ttaagacgtt  | ttaatttctt | tgcagacaag  | 600 |
| gtctagatgc  | ggagtcagag  | atgggaactga | atggggagg   | atcctttgtg | ttctcatggt  | 660 |
| tggctctgac  | tttcagctgt  | gttgggacca  | ctggctgac   | acatcacctc | tctgcctcag  | 720 |
| tttccccatc  | tgtaaaatgg  | gagaataata  | cttgccctacc | tacctcacag | gggtgttgtg  | 780 |
| aggattcatt  | tgtgattttt  | ttttttttt   | ttgtacagag  | cttttaagca | ttaaaaaacag | 840 |
| ctaaatgtga  | aaaa        |             |             |            |             | 854 |

<210> 2622  
 <211> 637  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

```

<400> 2622
ctacgggtttc ccgtcaccaa ttttcccttg aattggacag atggcagcca ccataatgat      60
actatatgtg tccaagctaa acaaaatcat tcacttccct gattttgata agaaaattcc      120
tgtaaagctg tttccctctg ctctccctca cgttggaaac cacataagtg gattatcaag      180
cacaagtaaa ttaagcctac cgatgttcac cgtgctcagg aaattcacca ttccacttac      240
cttacttctg gaaaacatca tacttgggtg awkywgkwt ymctcaacat ymtctcagt      300
gtstttgcca ttattctcgg ggctttcata gcagctgggt ctgacctgc ttttaactta      360
gaaggtata tttttgtatt cctgaatgat atcttcacag cagcaaattg gagtttatac      420
caaacagaaa atgggaccca aaggaggcta ggggaaatac gggagtaact tttttctwac      480
aatggcctgg ctttcatgga ttattcccca acttctttat ttatttaggt ggttcttccc      540
actggtaggg acctggccaa ccagggtta cngggaattt ccaacccatg ggggtgggat      600
tgttgggtgt ttnattccn caacagtttt ctttctt

```

```

<210> 2623
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2623
gctgcattct caatgaggat gccacccctac gctgcgctgg ctgcgatggg gacctcttct      60
gtgcccctg ctcccggtgg gtgcagggtg aatgttctgt gcgagagctc aagggtctgc      120
tggtaccctg acttgatcc ctttgttcca cagagagggc catgatgctt ttgagcttaa      180
agagcaccag acatctgctt actctctctc acgtgcaggc caagagcact gaagacaccc      240
tggtctctcc ggaagggcag tcccacaggc agcggcaccc atttctgggc ccgccacag      300

```

```

<210> 2624
<211> 923
<212> DNA
<213> Homo sapiens

```

```

<400> 2624
gaaagaactc cctggctgta gctcctatgt aggttwaggt tgagacyctg gattccacca      60
atthtttaag gttaccatct gaggtttckr atcatagtct acttttgag cagctgctgc      120
trtttcttta ttccattgaa caccctggaa ttgacataat tttatctatc agcatttctc      180
cccttttagt ttatttaata attaacccgg tctccagggc agttttcata tgaccatgtg      240
tatattcact gctcacgaaw aagttaaatg ttagattacc aaatttaata tagttacaga      300
attactgcat aagggtcttc cttcttggag actcttacc agcatgggaa cagtgatctg      360
cccacatgac aggggtggtat gccaggcata gttactgct tttggttggt aggtactcat      420
cttcccttag ttacccttag ttatgtggca cacatgtcct tattgcctag ttcgtcatcc      480
acactttgga tcttgtgaaa atgctgttag tatccaaact taaaatatat tagtatatgg      540
gtttttatta aaagaattac tttgaatttt ctatttaatt catatgtaaa taaaggaaca      600
tttcatttca cttaaaaaaa ttatatcagt tattaggctg ggtgcagtgg ctcatgctg      660
taatcccagc actttgggag gccaaaggcg gtggattacc agagttcggg agtttgagac      720
cagcttgacc aacatggaga aaccccgctc ctactaaaaa tacaaaatta gccagggtgt      780
gtggcgcatg cctgtaatcc tggctactca ggaggctgag gcaggagaat cgcttgaaaa      840
cccaggagac agaggttgcg gtgagctgag attgcgccat tgtactccag cctgggcaag      900
aagagcgaac ctctgtctcc aaa

```

```

<210> 2625
<211> 1125
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1125)
<223> n = A,T,C or G

```

<400> 2625

|             |            |            |             |            |             |      |
|-------------|------------|------------|-------------|------------|-------------|------|
| aattccggtg  | ctgtcgcaga | caccttctcc | tatggtgggc  | atgaagactt | ttcaaaaatg  | 60   |
| attgatgaag  | ctgagccctt | gggctaccca | gtcgtggtga  | agagcacacg | aggccaccgg  | 120  |
| ggaaaagctg  | tttttctggc | aagagataaa | catcacctct  | ctgacatctg | ccatctgac   | 180  |
| cgccacgatg  | tgcctacct  | gttccagaag | tacgtgaagg  | agtcccatgg | aaaggacatc  | 240  |
| cgggtggtgg  | tggtaggggg | ccaggtcata | ggctctatgc  | ttcgtgctc  | cactgatgga  | 300  |
| cggatgcaga  | naacatgctc | gtctcgggtg | cgtgggcgtc  | aagtgtccgc | tgacagaaca  | 360  |
| aggcaagcag  | ttggctattc | aggtgtccaa | catcctaggc  | atggacttct | gtggcattga  | 420  |
| tctccttatt  | atggacgatg | gtccttttgt | gggtgtgtgag | gcaaagtcta | atgttggtt   | 480  |
| cctagccttt  | gaccaggcat | gcaacttaga | tgtgggtggg  | atcattgcag | actataccat  | 540  |
| gtccttgctg  | ccaaataggc | agactggaaa | gatggctgtc  | ctcccaggac | tgtcagagtc  | 600  |
| aaggggagaag | aacgagccgg | atggctgtgc | ttcagctcag  | ggagttgcag | agagcgtcta  | 660  |
| taccatcaac  | agtgggtcta | cctctagcga | aagtgaacct  | gaactgggag | agatccggga  | 720  |
| ttctcagca   | agcacaatgg | gggccccacc | ctccatgctg  | cccgaacctg | gctacaacat  | 780  |
| taacaacagg  | attgcttctg | agttaaaact | taagtgaatt  | cctgcttttt | ggcagcattt  | 840  |
| aaaccaaata  | ctactgcttc | cctagtagtt | ttgagtgaat  | aaaatctgga | ctaattgtgat | 900  |
| ttcattttgca | cagaaactag | aaatcccatc | tgggcactca  | gcatttttyc | taacgatgat  | 960  |
| ttaagcaaat  | ggcctagctt | tgtgggtttt | acaaagacaa  | atataaaaac | actcacaagn  | 1020 |
| acaacgtccc  | gactgancaa | tatgagactg | atgtctgctg  | tgagcacgtg | gatattacgg  | 1080 |
| ctgacgctaa  | ggcactgnct | ctgctgttgc | ttctgacttt  | tagca      |             | 1125 |

<210> 2626  
 <211> 620  
 <212> DNA  
 <213> Homo sapiens

<400> 2626

|            |             |            |            |             |            |     |
|------------|-------------|------------|------------|-------------|------------|-----|
| aattccggtg | ctgtcgtgga  | ggcttactaa | ccaggtaagc | cttctatgca  | tccacaccaa | 60  |
| aatcctgcag | aatgtaagta  | agctctgctt | tataagatgg | gttcaccttc  | atcgcagact | 120 |
| gaaagtttca | gttttttattt | ttttcagaaa | gcacgaaaaa | ttattttataa | tagtctggag | 180 |
| aaaaaaacac | actgtaatat  | ttcaagtgtg | tgccagtaga | atgtactgta  | actgagccct | 240 |
| ttcccacatg | cttaggtctc  | aatgtctcct | gtaggccac  | ctaactgtgt  | gttttcaggg | 300 |
| acaatgccat | ccatgtttgt  | gctgtagact | tgctgctgct | gaatcccttc  | tggggacttt | 360 |
| ctcatcgggc | aggagcaga   | gggcttctcg | ttcatgcacc | ctttgectga  | acacccatgt | 420 |
| agctgctgtg | ttgtgtatat  | attactctta | agaggagtgt | gtgtgtctgt  | gtttgtttta | 480 |
| aaagtcactt | atttcttaca  | gtgatttcaa | ttgcaccatg | acttcttcac  | taaaaccaca | 540 |
| aagtcctgct | taaaactatg  | gaaaacctaa | cctgattaga | gccttgacta  | ttttgaagat | 600 |
| taaatgcaca | ctttttatat  |            |            |             |            | 620 |

<210> 2627  
 <211> 573  
 <212> DNA  
 <213> Homo sapiens

<400> 2627

|             |            |            |            |             |            |     |
|-------------|------------|------------|------------|-------------|------------|-----|
| gtttatgggt  | ttacattgtc | atgtctccac | aggacaatgc | acatgggtatg | tttgtcagaa | 60  |
| cccagttgga  | gttttggttc | ccagcatcca | aaggaaatcc | ctaactttca  | ttttttcttc | 120 |
| ccgtaagcca  | gccccgaaca | cttaccttat | aagcccatct | ctacctgaat  | tagcaatcat | 180 |
| ggataagctc  | aataactgat | catttcctta | tccagtttaa | accatatata  | ttttaacact | 240 |
| gtctcttttt  | cacacacact | agttagctaa | gaatgagctg | gggggctggg  | cgtggtagtt | 300 |
| cacgcctgta  | atcccagcac | tttgggaggg | ggaggtgggc | ggatcacttg  | aggtcaggag | 360 |
| tttgagacca  | gcctractaa | crtgggtgaa | ccccgtctct | actraaaatg  | caaaaattag | 420 |
| ctgggtgtgg  | tggcaggcat | ctgtaatcct | agctactcrg | gaggctgagg  | crggagartc | 480 |
| ccttgaaccc  | gggaggcaga | ggttgcagtg | ggccaagatc | acaccactgc  | actccagtct | 540 |
| gggtgataaaa | acgagattcc | gtctcaaaaa | aaa        |             |            | 573 |

<210> 2628  
 <211> 539

<212> DNA  
 <213> Homo sapiens

<400> 2628  
 cttctgtaga tactgaagaa acaattgaac cttatacaac tgaaaagatg agtcgagttc 60  
 ctggaggata tttggctttg acagagtgtt ttgaaattat gacagkaraw wkewrcaaym 120  
 tycaggtgtt tactacaatc tggaggcaag atctttcttc agtatgtgct gatgtttggg 180  
 ttgcttgtgg aatcacagac actcctagag gagaatgctg ttcaaggaac agaacgtact 240  
 cttggattaa atatagcacc ttttattaac cagtttcagg tacctatacc gtgtattttt 300  
 ggacctatcc tcattgccct gtataccttt aagcaagcca gtggaactct taagactaga 360  
 tttaatgact ccgtatttga acacctctaa cagagaagta aaggatatac tttgtaaatc 420  
 tgggargact tgacttgcta tttccatttt gggkatcata tgggtaccctt gaaggaggtt 480  
 taggggttggg tacttycagt ggaggcctcc cmctgggaaa ccaagctggc agtttgttt 539

<210> 2629  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 2629  
 aattccgttg ctgtcgataa aataatgcat gtaaggccct cagcatagtg cctggcacag 60  
 aattactgct caaatgttag ctgtcgtatt aatattgksa cktttgcacr ckkatgtaca 120  
 tttctgtttk atsyakgtc attctttaag cattctocat gcttaaacca gttccataat 180  
 ccctaggcct gtactccagg gattgagact gaaaggatca tttatgccat gtttctctaa 240  
 aagcatcatt gctggaagac ttttgataag tetgatgtgt ctcaagctat tctcargcct 300  
 tttttgtaga gtttagaaat gaagtatttg aatcaattta gtatctcctt tactatgttt 360  
 ctctttttta tctcagccaa ccccccwacc gcaggtaaacc ccagcattca ttaagagctg 420  
 ggttggggta ctctattctg tatgcatcat aatagcttaa cattatttag tagctgtaac 480  
 ttacagggtt aatgctagat gaggatgtct caagccgtga gtgtgcttgt gtaaaaatgg 540  
 tggcaacatc atctcgttgg taggaatttt ttacttgaat tgttattttg ggaaaatgtt 600  
 aacagatttc ttggataaag aaaatnaatt ggatgatgta tattttatgt ttccttttag 660  
 cctctcttaa aa 672

<210> 2630  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 2630  
 tgtaggcaca agattttctt gctagcggaa tgtgaaccaa aaagtgtaga ggccaatcag 60  
 taaaaatatt caaagccagt tttgttgttt tcagcagtta gtaactatca gtagatgaat 120  
 atttactagg aaacattggt cttttaacca ctttgggcat gcttcttatt tagtatgttc 180  
 alcattgatt agtatcatga cattcagcga acattttatt agtgccact gtgactagg 240  
 gactagtaag catgttaagt ttgtaagcct tgttgatttc caccacaaac ccataggacc 300  
 tcaggttant ctcataattg aggaaactga gattcccagt gttgaatgaa agccacacag 360  
 tatcacatgg ccaatatcat gtgattgcag agtcaggact caaaccacgc tcttaacenc 420  
 cag 424



<210> 2631  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2631  
 aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt 60  
 ctacttctta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtgggtcatc 120  
 atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac 180  
 tttgtttgct gtgccctctc tccccgtggg gaatggatct actgtgtagg ggaggacttt 240  
 gtgctctact gtttcagtac agtcactggc aaactggaga gaactttgac agtcacagag 300

<210> 2632  
 <211> 908  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

<400> 2632  
 cttaggactg ggtcttgggg aggattagcg cctagatgtc tgatttttga gctgcagcat 60  
 gccaggccgt ggctgagagt atgtgagcca tgccttgccc ttttctgagg ctcaggggaag 120  
 tggatggagc tagagagaca acaggaaaga cgggtgctgaa gaacatagtg tctttcctct 180  
 attgtggacc taaagagggt gggaagcaag gacaagaggc aaagagccac actgcccttg 240  
 gcatcatcca aagcattgtc tggttgacac caggctcctgg ttttgtgtct tttgtcaata 300  
 cctgaatcct tgacaaaaga aaaagtgggt ttgatgattt aaagaaataa ggggtgatttt 360  
 racagaaaat atatttttaa aatttttracc amttgcaata gttatcctca agccaatttc 420  
 cagaacctgc caccaggggg aggtgggtgca gcatgaatca ttctgaatgc tttgtccttg 480  
 aagtgttccc ctattgctgt taccatctca gaggaagtaa ctgggcatgg tgagactcct 540  
 aaaatgaymg gagttttttt ggccaaagct ggcactctgac ttgccacatt cctctgagtc 600  
 tggagtagcc gcagggtggg agaatgccag cccagagtca gtccatcggg gttacatttc 660  
 caaggctctg tgccttcctc tatgtaatgg ccgtgttact ttcagatctt tcagcttccc 720  
 agagtgttgt gggaatcttg gtcattgaat gtaaaggggac ttagtaaagg gtatagatat 780  
 ttttcaaaaa tgaaaataac ttttgttctt ataagtgata agctnttata aagatcanag 840  
 gaaaactnga aaaaatgtaa aatgtaggac aatttgtana acaaacttgc attngagatg 900  
 tttttgat 908

<210> 2633  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<400> 2633  
 ggaaggacta cggatccgca ggaagaggca gttgggggcc aggggcccag tagaggaggc 60  
 tgagctcctt ccaactcctc agaacctcca ctctatggat ctggacctct ggattcggct 120  
 ttctccctgg gcactgcctt caggaagacg ttgagaattg accttacaca atcccagcgc 180  
 cctcctcaca ggagcctttc actttacagt ggcaaggggc tggttcttga gaactggctg 240  
 atgctctgaa tttcttcata taccacacat ttgactttgg cttacactgt acaattggag 300  
 atgttgctac aggtccctgg agatgcaatc agattaagcg tagaaagcat tgccaattgg 360  
 gaaagtcaaa ataatttatt ttttttccct ttccctacc ccattccccag ccaagatttc 420  
 tttcaagata tcgcatcatt cttaacaaca ttcttaccoc cactgggtcc ccattt 476

<210> 2634  
 <211> 1648  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1648)

<223> n = A,T,C or G

<400> 2634

|             |            |             |            |            |            |      |
|-------------|------------|-------------|------------|------------|------------|------|
| aattccgttg  | ctgtgcact  | gatttactcc  | ctctcttccc | cactccctgt | gaggetgggc | 60   |
| tgaggcacgg  | atccctgggc | cacagagcaa  | gtctccaaat | cagacagctg | cctcagcccc | 120  |
| tgggatgtgt  | gatttcagct | cctgtcacct  | catgcaaggg | cgtggagacc | agtagaggtg | 180  |
| tggaggccag  | gcagagagag | gagccygtc   | tgmgggrkgc | ccagctcatg | ggcactgycc | 240  |
| cttcagctag  | cctgcctmcg | tcccctgagt  | ccaacagtgg | gagccctagc | tgggaagttc | 300  |
| tgatccccaa  | agccacagca | ggggactgat  | ggctatagca | gaatgaggtc | gggtcaggac | 360  |
| cctcaaacac  | catctgggaa | caccaagcac  | cctgaatcga | gactgcagga | gccctgcggg | 420  |
| gtgagactgt  | gtcagagata | cactgctggc  | cacaagtgtc | ccctctcagt | cccacctttt | 480  |
| cgggctgtcc  | catgtctatc | tcagggggccc | gttacctctc | tgcagcagtc | ccccatccca | 540  |
| gccacaccag  | ggtctgtccg | gccaaccctc  | ttccccaggg | aaaggagaaa | agagaaaaca | 600  |
| ggctggggccc | ggtggtcac  | tcctgtaatc  | ccagcacttt | gggaggttga | yylyygcgga | 660  |
| tcacctgagg  | tcaggagttt | gagaccagcc  | tggccaacgt | ggtgaaaccc | catctctact | 720  |
| aaaaaaaaatt | acaaaaatta | gcccggagtg  | gtggtgggca | cctgtaatcc | cagttactcg | 780  |
| ggaggctgag  | gcaagagaat | ctcttgagct  | caggaggcag | aggttgcaat | gagctgagat | 840  |
| tgcgccactg  | cactccagcc | tgggtgacag  | agggartccg | tccnaaaaaa | aaagaaaaga | 900  |
| gaaacagctg  | tcacctcccg | cagacccaaa  | tcctctctct | gagcaccgtc | atccaccaca | 960  |
| tggctggggc  | tggctcccag | gaccagtcca  | gtcctctagt | gccttatctg | aggctgcagc | 1020 |
| gccagtctcc  | accccaagga | gacagccccc  | gtccttagat | gcccttggcc | tcgcagtgcc | 1080 |
| agcccccagg  | tgctctgact | gaagcacagg  | ccatagcccc | atttcccccg | tgcttcaggg | 1140 |
| gctaacctcc  | acgggagccc | aggagctctg  | gccggcagtc | catggcacag | ggcatcgga  | 1200 |
| gactgcaaaa  | ctgctggact | tacctggggc  | tgcagtcctc | tgtcggcccc | tgggttgaat | 1260 |
| caagatagta  | cttgacagta | gatggatgct  | tttagccagg | ggacattgtg | aggggaagat | 1320 |
| tcctccaccc  | agtctggcct | gtggtgtctg  | tctcctccct | gagaccacag | cttctccagt | 1380 |
| agcagactca  | tgggcgccac | caagtgggaag | cacctggagc | ggcctctgcc | atccagtggg | 1440 |
| agccaggccc  | cgagacggag | gtggggggcag | cacgtgcctc | cacagccacc | gctttcccg  | 1500 |
| ctcagcagcc  | caggcctcct | ggcccagccc  | tgcctgggac | agtgtctytc | cctcaccggg | 1560 |
| gaagntngga  | atytctctgc | ccgagaggaa  | ggcagacggc | acagggacaa | ccytgccact | 1620 |
| tgggattttg  | gcttncaagt | tgggtttt    |            |            |            | 1648 |

<210> 2635

<211> 956

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(956)

<223> n = A,T,C or G

<400> 2635

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| agaatacaag | ccaaaacatg | gcttcaaaag | gtcagctgca | tcttcactgg | attacagaat | 60  |
| tcttgctgac | tctcagaaga | aattgttggg | gagaatagtc | atackkrcwy | kagmwrsga  | 120 |
| ataaatwgcc | tttccataat | tcctctgctt | cgctcctttc | ctggcggttc | tctggaacct | 180 |
| tgttgggtgc | tgtgacccaa | tgactgttag | ggtcagctag | cttcaattgc | ccctgcactg | 240 |
| gaagcaaggt | ttgtcagtaa | caccaattaa | aatactacca | gtgtaagtag | aagggtgtgt | 300 |
| ttgcagatga | gaagggtgta | agatgcclly | cttatgttct | ctgtgttgct | gtaataccat | 360 |
| gaggggtatg | ttgtggcaaa | cctggccttt | ragatcaaga | cgaacccccc | ctgccttgag | 420 |
| aagccgtctg | ctaccaccac | agcctacccc | aattggkcc  | gtccccctaa | cccctcacac | 480 |
| tgagaactgc | ttgtgtggga | gagagctggg | tgggttgatc | ttttccgagt | gtgacttacc | 540 |
| tccttcaagg | ggatgtttta | gcttctcggg | cagaagtggg | gtgtctatcc | ctgacaccaa | 600 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| acaccgtggt | atatgtggtt | gtcacactca | gctagtgatg | ataaaggtgt | tcttaaatat | 660 |
| gttagctttc | agttttcctg | aggaagcaat | tttatggata | cttccccctc | cttctcaagt | 720 |
| gaggaatagc | agagcaaatt | ttatttggaa | cttaaaccaa | tagttataac | caatagtttc | 780 |
| aacctcctgc | ctcaccactg | sttccttctt | gagctctttc | cccacacctc | aaaaagagta | 840 |
| caaagtgatt | ccatctgcag | aggtaaattc | tttgtttaaa | aaagtactgt | ttttcttata | 900 |
| ttttctggnt | ctctaggta  | tcagaacaag | gtttattagg | aatccttaaa | aaagta     | 956 |

<210> 2636  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2636 |            |            |            |            |            |     |
| gtggcgagct | ctgagttcac | tacagcctcc | acctcccagc | ttcaagagat | tctcctgcct | 60  |
| caacctcccc | agtagctggg | actacagttg | aaaaagatca | tctagcaaag | cctttttccc | 120 |
| agctacatat | aaggaatttg | aaagtcacat | aaaatgggta | agaaaatgtg | ccaagattac | 180 |
| ctcagtaatt | ctggctctgt | ttctcaggag | accttggaag | tacaacaatg | gtcttctgtg | 240 |
| gcttcagcgt | cacctagtgc | aggetgccat | tcaacaaacg | cattgtcaac | agtcaaccaa | 300 |

<210> 2637  
 <211> 903  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(903)  
 <223> n = A,T,C or G

|             |            |            |             |             |            |     |
|-------------|------------|------------|-------------|-------------|------------|-----|
| <400> 2637  |            |            |             |             |            |     |
| aattccggtt  | ctgtcgaccc | caacctcttc | tcattgttcag | tctgtctaata | acatgccaga | 60  |
| gatttttttt  | tcaaaaagtg | ctttatccct | acaatgtact  | gacagttctt  | acagttgaga | 120 |
| tttggttctt  | tcagctattg | cttggtgaaa | aaagcaagac  | tatgtcactc  | tatagaaggc | 180 |
| tggttaaagt  | actcaggcag | gaattaatta | ttctgtacct  | aaggggttac  | ttgtttaatg | 240 |
| ggatggcatt  | gactttttga | aaatcaagt  | gactgagtc   | ttgataaaac  | atttctaaga | 300 |
| gtggggctag  | agaacatact | ttacatctga | cactcttttg  | cctaacaaca  | tctattatta | 360 |
| tagtgctcag  | cagtgtgggc | attgaagagg | cgcagaatgc  | tttgaaagaa  | actaatcaga | 420 |
| atcttggaac  | atcatgatca | tgcattctt  | aagtaaatca  | actattttca  | acactgaaga | 480 |
| aaaatgaaac  | attattttag | aaacaatgag | attacaagtt  | ccaaactcag  | ccaggaatgt | 540 |
| ggctcacacc  | tgtaatccca | gcactttggg | acacctagg   | gggagcatcg  | cttgaagcca | 600 |
| ggagttcaag  | accagcttgg | gcaacgtagt | gagaccccta  | tctctacaaa  | aaataaaaaa | 660 |
| attagctggg  | tgtgatggca | cacacctkt  | gtcccagcta  | ctcaagaagc  | tgagatggga | 720 |
| ggwtccctgag | ctcaggagg  | caaggctgca | gtgagccgag  | attgttgcca  | ctgcaytgca | 780 |
| gctkggggtg  | acagttgcaa | gacctgttt  | tcaaacccaa  | acccaaaccc  | acacacacac | 840 |
| aaacacacnt  | twcacacaca | cacacacggg | gttcccattg  | gttggccggg  | gtttccccag | 900 |
| ggg         |            |            |             |             |            | 903 |

<210> 2638  
 <211> 524  
 <212> DNA  
 <213> Homo sapiens

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 2638  |            |            |            |            |            |     |
| aattccggtt  | ctgtcggcgc | ggaggagaag | tggcgctcag | tccggccggg | cagtagagga | 60  |
| aattgcgyla  | gtagccctcg | ggcctcgema | tgaagagccg | ctttagcacc | attgacctcc | 120 |
| gcgcgcgtact | cgcggagctg | aatgctagct | tgctaggaat | gagagtaaac | aatgtttatg | 180 |
| atgtggataa  | taagacatac | cttattccgt | cttcaaaaac | cggactttta | agctacactt | 240 |
| ttacttgaat  | ctggcatacg | aattcatata | acagaatttg | agtggcctaa | gaatatgatg | 300 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ccgtctagtt | ttgccatgaa | gtgccgaaaa | catttgaaga | gtcggagatt | agtcagtga  | 360 |
| aaacagcttg | gtgtggatag | aattgtagat | tttcaatttg | gaagtgatga | agctgcttac | 420 |
| catttaata  | ttgagctcta | tgatagggg  | aacattgttc | ttacagatta | tgagtacgta | 480 |
| attttaata  | ttctaaggtt | tcgaactgat | gaggcagatg | atgt       |            | 524 |

<210> 2639  
 <211> 1081  
 <212> DNA  
 <213> Homo sapiens

|             |            |             |             |             |             |      |
|-------------|------------|-------------|-------------|-------------|-------------|------|
| <400> 2639  |            |             |             |             |             |      |
| caagcgcaga  | cggaaccgcg | atggtggcac  | ctttattagt  | gatgcagacg  | acgtcgtgag  | 60   |
| tgccatgata  | gtcaagatga | atgaagctgc  | tgaggaagac  | agacagttga  | acaatcaaaa  | 120  |
| aaagccagca  | ctgaaaaaat | taactttact  | gctgtctgta  | gttatgcacc  | ttaagaagca  | 180  |
| ggaccttaaa  | gaaacattca | ttgacagtgg  | tgtgatgtct  | gccatcaaag  | aatggctctc  | 240  |
| acctctacca  | gataggagtt | tgccctgcact | caagatccgg  | gaggagctgc  | tgaagatcct  | 300  |
| gcaagagctg  | cctagtgtga | gccaggagac  | cctgaagcat  | agtgggattg  | gacgagcagt  | 360  |
| gatgtatctc  | tataaacacc | ccaaggagtc  | aaggctctaac | aaggacatgg  | cagggaaatt  | 420  |
| aatcaatgag  | tggtctaggg | ctatatattg  | tcttacctca  | aactacaaag  | gaatgacaag  | 480  |
| agaagaaaaq  | qagcagagag | atctagaaca  | gatgcctcaa  | cgacgaagaa  | tgaacagcac  | 540  |
| tggtggctcag | acaccagaa  | gagacctgga  | aaagggtgctg | acaggagagg  | agaaggctct  | 600  |
| tagacctgga  | gacctggat  | tctgtgcccg  | tgcaagggtc  | ccaatgcctt  | caaacaagga  | 660  |
| ctatgttgtc  | aggcccaaat | ggaatgtgga  | aatggagtca  | tccagggtttc | aggcgacctc  | 720  |
| caagaagggt  | atcagtcgac | tggataaaca  | gatgagaaag  | ttcacagata  | taaggaaaaa  | 780  |
| aagcagatct  | gcacacgcag | tgaaaatcag  | cattgagggc  | aacaaaatgc  | cattgtgacc  | 840  |
| ttgcctggaa  | tgtgtcccca | tctctactct  | aagaaatgcg  | caatggactc  | tttggagaaa  | 900  |
| gaagatatct  | taaaacattt | ttagtgtgtc  | tgtaaatggg  | tcagcgtgta  | tcagatgttg  | 960  |
| tcataggact  | cacatttctc | tcagttatat  | ttaaaaccgt  | tgtgtacttt  | gtacaaaagga | 1020 |
| atactagtca  | tacttctata | aactttacac  | aataaaattt  | cattctgggt  | aaaaaaaaaa  | 1080 |
| a           |            |             |             |             |             | 1081 |

<210> 2640  
 <211> 1516  
 <212> DNA  
 <213> Homo sapiens

|             |             |            |            |            |            |      |
|-------------|-------------|------------|------------|------------|------------|------|
| <400> 2640  |             |            |            |            |            |      |
| aattccgttg  | ctgtcggctc  | cacccccacc | tcgccggagt | ccggggcggc | cccggtgtcc | 60   |
| cctccgagcc  | tgctgcactc  | crctcyysm  | ywscarsket | yswssycyya | kgkrrrtstc | 120  |
| ygamywgryc  | ygteycwgsa  | gccagatcca | ggctcctgga | agaaccatgt | ccggcagcta | 180  |
| ctggctcatgc | caggcacaca  | ctgctgcccc | agaggagctg | ctgtttgaat | tatctgtgaa | 240  |
| tgttgggaag  | aggaatgcca  | gagctgcggg | ctgaaaatta | cccaaccaag | agaaatctgc | 300  |
| aggatggact  | ttctggtcct  | cttcttggtc | tacctggctt | cggtgctgat | gggtcttggt | 360  |
| cttatctgcg  | tctgctcgaa  | aacctatagc | ttgaaaggcc | tggcagggga | ggagcacaga | 420  |
| tattttcctg  | tataattcca  | gaatgtcttc | agagagccgt | gcatggattg | cttcattacc | 480  |
| ttttccatac  | gagaaaccac  | accttcattg | tctgcacct  | ggtcttgcaa | gggatggttt | 540  |
| atactgagta  | cacctgggaa  | gtatttggt  | actgtcagga | gctggagttg | tccttgcat  | 600  |
| accttcttct  | gccctatctg  | ctgctagggt | taaacctgtt | ttttttcacc | ctgacttggt | 660  |
| gaaccaatcc  | tggcattata  | acaaaagcaa | atgaattatt | atttcttcat | gtttatgaat | 720  |
| ttgatgaagt  | gatgtttcca  | agaacgtga  | ggtgctctac | ttgtgattta | aggaaaccag | 780  |
| ctcgatccaa  | gcactgcagt  | gtgtgtaact | ggtgtgtgca | ccgtttcgac | catcactgtg | 840  |
| tttgggtgaa  | caactgcata  | ggggcctgga | acatcaggta | cttcctcatc | tacgtcttga | 900  |
| ccttgacggc  | ctcggtgcgc  | accgtcgcca | ttgtgagcac | cacttttctg | gtccacttgg | 960  |
| tggtgatgtc  | agatttatac  | caggagactt | acatcgatga | cettggacac | ctccatgtta | 1020 |
| tggacacggg  | ctttcttatt  | cagtacctgt | tctgactttt | tccacggatt | gtcttcatgc | 1080 |
| tgggctttgt  | cgtgggttctg | agcttctctc | tgggtgggta | cctgttggtt | gtcctgtatc | 1140 |
| tggcgccac   | caaccagact  | actaacgagt | ggtacagagg | tgactggggc | tggtgcccag | 1200 |
| gttggtccct  | tgtggcctgg  | cctccgtcag | cagagcccca | agtcacccgg | aacattcact | 1260 |

|            |            |            |            |             |             |      |
|------------|------------|------------|------------|-------------|-------------|------|
| cccatgggct | tggagcaac  | cttcaagaga | tctttctacc | tgcctttcca  | tgtcatgaga  | 1320 |
| ggaagaaaca | agaatgacaa | gtgtatgact | gcctttgagc | tgtagtcccc  | gtttattttac | 1380 |
| acatgtggat | cctcgttttc | caagcatggc | ttgtttgttt | tgattttctgc | tgtgcttata  | 1440 |
| aatcactttc | ggtgggcaag | ggagagaggg | gaaaatgggt | gttgactgag  | gaatccccct  | 1500 |
| tgcttgcttt | cttttg     |            |            |             |             | 1516 |

<210> 2641  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(888)  
 <223> n = A,T,C or G

|             |            |             |             |            |            |     |
|-------------|------------|-------------|-------------|------------|------------|-----|
| <400> 2641  |            |             |             |            |            |     |
| aattccqttq  | ctgtcggcag | ctggatggac  | actatagcaa  | acatcaatca | agagctcatt | 60  |
| aaatatgaat  | tcttmyyygr | mrcmrstcga  | agtgaagaag  | acttaaagaa | ataccccaag | 120 |
| taccctggg   | grgagaaat  | ctatacttta  | gaagggtgtg  | tggatggagc | tccatattcc | 180 |
| atgattttctg | acttcccttg | gctgaggtca  | ttacgagctg  | cagagcccaa | cagcttcgct | 240 |
| cgatacgact  | ttgaagacga | tgaagaaagc  | actatctatg  | ctcctagaag | gaaaggacag | 300 |
| ctgtctgcag  | acatctgtat | ggaaacaata  | ggagaggaaa  | tttcagagat | gcgtcagatg | 360 |
| aagaaggggtg | tatttcagcg | agtagtggca  | atTTTTtatcc | actattgtga | tgtcaatgga | 420 |
| gagccagttg  | aagatgacta | catttaattg  | gtccctcctc  | ctttccagct | atTTTgtcag | 480 |
| aaagcaagta  | gggccatcca | gctgccagag  | tgtccacacg  | ggacttgagg | catgcagttg | 540 |
| ggaggtcctg  | gctcggtttg | ctatataggg  | aatatataag  | gaacatcgaa | attgtataca | 600 |
| aagatttgta  | cataaaaaat | atacaaagac  | gcttcctaaa  | gtaccaactt | tatatcatat | 660 |
| gtttatacaa  | tttaatttaa | aaatttcattt | taaggaagac  | agataatttg | aaagactttt | 720 |
| gtttttcttg  | acttaattca | tgaagtatca  | ttttttgact  | gagtctccat | ttacttcatt | 780 |
| cttaatgatt  | attgtcatcc | ctttaaatct  | gtgccttttt  | cttcttgagc | gaagctgttt | 840 |
| gagtaaacct  | gttgaagagt | ggtttggnng  | ccnttttgggn | gccttttt   |            | 888 |

<210> 2642  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

|            |             |            |            |            |            |     |
|------------|-------------|------------|------------|------------|------------|-----|
| <400> 2642 |             |            |            |            |            |     |
| gccatttctt | ctggccttta  | caaaaaggca | ttttgttata | ctacagtgtg | aacctcattt | 60  |
| ttttcactcc | aaaaggtagc  | agccctctt  | ctccccacc  | tggacctgcc | tttactccc  | 120 |
| tgggcacaga | gcgcattggt  | ccattgatgt | ttggtttatt | ccaggatcca | aggagctggt | 180 |
| tctgctggtt | ggaccaaaacc | tctgtagcca | gccacccctg | acccaaatga | ggagagctct | 240 |
| gattctccca | tccgggagca  | gtgatgtcaa | acttctgctg | ctggggaaat | ctcatcagca | 300 |

<210> 2643  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2643 |            |            |            |            |            |     |
| ctgacttcaa | ctgcaatggt | cctgtcaaca | cacagggatt | ctacaggggc | tcccctgggt | 60  |
| gcgtcatgga | tgtgttctg  | cgcacggct  | gtgaggcagc | cttcgtgagc | ctgctggtag | 120 |
| aatttgagc  | caacctgaat | ctagtgaagt | gggaatcgct | gggccagag  | tgcagaggaa | 180 |
| gaagaaaagt | ggacctgag  | gccttgagg  | tctttaaaga | ggccagaagt | gttcccagaa | 240 |
| ccttgctgtg | tctgtgccgt | gtggtgtgta | gaagagctct | tggcaaacac | cggttctatc | 300 |
| tgattccttc | gctgcctctg | ccagacccca | taaagaagtt | tctactccat | gagtagactc | 360 |
| caagtgtctc | ggttgattcc | agtgaggag  | aaagtgatct | gcagggaggt | ggacaccgag | 420 |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ccttgagtgc | tgtgctgctg | ctgggtctct | gatggctggt | gctgcagaag | atgtcctcgt | 480 |
| agactgtcat | tgtcctcag  | gtgcctgggc | cgctgaacag | tccttgggtc | attgtcagct | 540 |
| gagaggctta | tactaaagt  | attattgttt | ttcccaagtt | ctctgttctg | gattttcagt | 600 |
| tgcataataa | tgtaacgggc | catggggat  | gtacatgtag | gggctgaggt | tggaggccta | 660 |
| ctaatttct  | gtagggaaga | ctcccagcac | ttctggaact | gtgcttctct | ttatttttct | 720 |
| acttctcaat | ttgatgggtc | gattaaagcc | ttctagtatc | tcaatgaaaa |            | 770 |

<210> 2644  
 <211> 603  
 <212> DNA  
 <213> Homo sapiens

|            |             |            |            |            |            |     |
|------------|-------------|------------|------------|------------|------------|-----|
| <400> 2644 |             |            |            |            |            | 60  |
| aattcogttg | ctgtcggtag  | gatacttaaa | accatcacia | gctgcccag  | caatagaaaa | 120 |
| ctgtgatcga | agtttttagag | caatcttggc | tgaacctaaa | aataaagcat | ctgaatcctc | 180 |
| tgaacaagat | tattatagta  | atatgaggca | agaagctttg | ggacatgaac | ctagagtaaa | 240 |
| tatgtttcca | tttgaacaac  | aatctgaatt | ttcaagtttt | gacaagaatg | atagccgagg | 300 |
| ccaggaagca | atctccaaac  | gcttgtcagt | tgtatcaaga | gttcctttca | ctgaagaaca | 360 |
| gcttttcagc | atttttgata  | tagtaccagg | attggaatat | tgtgaagtcc | aacgagatcc | 420 |
| ttattcaaat | tatggtcagt  | gagtgggtca | gtattttaat | gtagcatcag | ctatttatgc | 480 |
| aaaatacaaa | ttacatggat  | ttcagtacc  | tcctgggaac | rgaataaqtg | tttccttcac | 540 |
| tgatgatgga | gtaatgcaac  | agatctcctt | agaaaattgc | acacagatgg | tagctgcaca | 600 |
| gcttgcata  | attggttga   | ttacccaagt | cagcacatta | ttgcaatttg | aggagccttg | 603 |

<210> 2645  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 2645  |            |            |            |            |            | 60  |
| gtaaggcctg  | ccttttacac | accagttgtg | tgtttgttag | tggtgctgg  | atgccagtc  | 120 |
| acacctcaa   | acacctcaca | gtcccaaacg | gggtgctcct | acaggtccca | gggtcctggt | 180 |
| agtggaaaga  | aggcagttcc | aggaagtctt | ccctctagcc | ttcatgacag | gaagtagttt | 240 |
| aatcctctgg  | gaaatagact | tgcagccctg | ggaagaaaag | agttgttctt | ccttggggac | 300 |
| atacaccatc  | atctgggcta | tttcatccag | tgtctcttct | ttatacagga | gctcctggct | 360 |
| caggaaggca  | tcccgtgcac | acagcctcac | gtgacggtag | tccaaaggca | ggaaggggat | 420 |
| gaagttagtca | atcagggttt | ccttcacaag | acggctgtgc | caaagccatt | gtctatggtc | 480 |
| tccacaatct  | ccgcttgag  | gtggggctcc | aggtgttcca | tcgtaatttc | ttcccgggac | 540 |
| catccagcct  | tgagcaactt | taggaccacc | tcattgatta | tatcgccctt | gagattactg | 600 |
| agaaacagaa  | agatagtcca | tggagactca | gccnttgn   | ctcaggggac | cggcgttcta | 660 |
| agtgtggccc  | aaggacctcc | agcagccctg | ggtgcagctt | ctccgcttca | tcgaagatga | 685 |

<210> 2646  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2646 |            |            |            |            |            | 60  |
| agtggctgag | tggaggcgcc | cagacctggg | caggcagcag | gcacaggccc | acacnttgtg | 120 |
| atttttgaaa | ccaaagccca | gaagatgatg | tttacttctc | tctccctggc | tctgcccttc | 180 |
| ttactgcaaa | ccatgctgtg | ccttagggcc | cttctcatag | ctgttcttca | tggccatgac |     |

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| tggaacaggg | atgcaacctc | tttctacaca | agcacagtta | gttgggtgaa | gtcttttttt | 240 |
| ttgtttgttt | tagacggagt | twactcttg  | ttgcccaggc | tggagtgaag | tggcgtgacc | 300 |
| ttggctcact | gcaacctcca | ggccagcctc | agcctcccta | gtagctggga | ctacaggcac | 360 |
| ccactaccac | gcctggctaa | ttctttgtat | ttttagtaga | gatgggggtt | gaccgtgtta | 420 |
| gccaggatgg | tctcgatctc | ctgacctcgt | gatccaccca | cctcggcctc | ccaaagtgt  | 480 |
| gggattatag | gtgtgagcca | ccgcgcggg  | ccggttgctg | gcctcttaat | gttctgtagg | 540 |
| tggaatattt | ccaataaaca | caaggtgccc | taattgacaa | aaa        |            | 583 |

<210> 2647

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(958)

<223> n = A,T,C or G

<400> 2647

|             |             |             |             |             |            |     |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| atcgagaact  | cttactacaa  | gctncttggt  | ctttttgcag  | gatcccatng  | attcgwrkys | 60  |
| sgttgctktc  | gccccaaatgg | cgcgggtgct  | gaaggctgca  | gccgcgaatg  | ccgtaggggt | 120 |
| tttttccaga  | cttcaagctc  | ccattccaac  | agtaagagct  | tcttccacat  | cacagccctt | 180 |
| ggatcaagtg  | acaggttctg  | tgtggaacct  | gggtckactc  | aaccatgtak  | ccatagcagt | 240 |
| gccaratattg | gaawakgctg  | ywgcawttta  | taasaatatt  | ctggggggccc | aggtaagtga | 300 |
| agcggtcctt  | cttcttgaac  | atggagtatc  | tgttgttttt  | gtcaacctgg  | gaaataccaa | 360 |
| gatggaactg  | cttcatccat  | tgggacgtga  | cagtccaatt  | gcaggttttt  | tgcagaaaaa | 420 |
| caaggctgga  | ggaatgcctc  | acatctgcat  | cgagggtggat | aatattaatg  | cagctgtgat | 480 |
| ggatttgaaa  | aaaaagaaga  | tccgcagtct  | aagtgaagag  | gtcaaaatag  | gagcacatgg | 540 |
| aaaaccagtg  | atttttctcc  | atcctaaaga  | ctgtgggtgga | gtccttgtgg  | aactggagca | 600 |
| agcttgattt  | atatttgcaa  | gcaactaaat  | taattgacct  | gaaaaagcct  | atcaaatact | 660 |
| atcaaaatgt  | actatgacat  | tgagtccttc  | actgcttcca  | tcatgtaaaa  | gttcacagtt | 720 |
| aaagactgaa  | ttacagaaag  | attaaaatat  | atacatatat  | aaatacataa  | atatgtatat | 780 |
| tatttagatt  | aacaaacata  | tttgtttaatt | tgaatttgaa  | gaaaatcttg  | attactaatt | 840 |
| acttagggaa  | cattattaaa  | atcatataga  | aataaattat  | tctctttcta  | caatggggkg | 900 |
| naattgaatg  | tnatggtggt  | tagcngtgga  | cnaggggnat  | gtgtgtgatg  | gatgggta   | 958 |

<210> 2648

<211> 1583

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1583)

<223> n = A,T,C or G

<400> 2648

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ggagaagcaa | ctgacgacag | atgctgcccg | cattgtgcag | atgcagccca | gaagcagatc | 60  |
| cagagcttga | ataaaatgtg | ttcaaacctt | ctggagaaaa | tcagcaaaga | ggagcgagaa | 120 |
| tcagagagtg | gaggtctccg | gccgaacaag | cagaccttta | accctacaga | cactaatgcc | 180 |
| ttggtggcag | ctgttgccct | tgggaaagga | ctatctaatt | ggagaccttc | aggcagcagt | 240 |
| ggtcctggcc | aggcaggcmr | scaggagct  | gggacgatcc | ttgcaggaac | ctcaggatta | 300 |
| cagcagstgc | agatggcagg | agctmcaagc | cagcagcagc | caatgctcag | tggggtacaa | 360 |
| atggctcagg | caggtcaacc | agggaaaatg | ccaagtggaa | taaaaaccaa | catcaagtcg | 420 |
| gcttccatgc | atcctaccca | gcggtgagtg | tggctggcaa | cctcgactcc | ctggtgctct | 480 |
| ttgcagagtt | gggcagtgaa | attacctttt | gctcaaggct | cacctagatg | ggtacaataa | 540 |
| aaagaacatg | ggctttcagc | agcagacaaa | tcccacttcc | accactgact | agctgtgtga | 600 |
| ccttggaaca | gtgacctaat | ttttctgagc | ctgtttctca | tttgtaaatg | gtgataatac | 660 |

|            |            |            |             |            |             |      |
|------------|------------|------------|-------------|------------|-------------|------|
| ctacctcata | gggttggtgt | gaggattaaa | atgaggaaat  | gaatgtaaag | cacttagtac  | 720  |
| agtatatgaa | ataatgggtg | ttcaataaat | gatagtttct  | acagatcctt | ctccccacca  | 780  |
| ccctccacag | tccttgatcc | agaacttacc | ctaattctgat | actgcctcac | gtcaatggtg  | 840  |
| agctgatgga | cacaagatca | aataaggcta | tgcttatttt  | gtgctgccag | aaactgtagc  | 900  |
| aacctctgtg | ttcttagagg | cacactgttt | ttgcaggccc  | tcctgcctgg | ggtttcattc  | 960  |
| tggctatccc | tctaaggcgc | aaggtgaaga | agcttctggg  | ccaggaagga | aaaaaaaaatg | 1020 |
| cccacctgca | gctctgggtg | agcttggggc | tgctctcctt  | tccatcctct | aaggagccaa  | 1080 |
| cttggctttt | acctgtcaaa | tagtcataaa | gtcccctatc  | ctttacccca | ccttatacac  | 1140 |
| acgaggcttt | ctcaggnaag | tggctctgcc | aggcaggact  | atgtgggaaa | gggtttttcc  | 1200 |
| ttagcacacg | aaaaagcccc | ttcccctgga | ttcatgtttc  | ttattttgga | gggagaaggg  | 1260 |
| aattgcactt | cacactgcca | tcagggttta | gttgacctca  | taatggtgcc | cactttctcg  | 1320 |
| actttggcca | ggatttcctt | caaagaaaac | gactttcctt  | catttcctta | agcctgtggc  | 1380 |
| ccaaatggtg | gaccagaatg | atggtgggag | ggggcaaccc  | ccagtagctt | tgctgtcttt  | 1440 |
| tataaagttg | aacaaattga | atttagacat | tcaggctaac  | ctgcctttct | tagtactcct  | 1500 |
| ttgttggcat | gggcaggggt | tgagtcagca | gaagtggacc  | aaaggattcc | tctgaataaa  | 1560 |
| gttattttaa | ttgaaaaaaa | aaa        |             |            |             | 1583 |

<210> 2649

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1518)

<223> n = A,T,C or G

<400> 2649

|             |             |             |             |             |             |      |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| gaaacatggg  | gaaaagttcg  | taaactcctg  | gttgatgcaa  | ttcataatca  | actaactgac  | 60   |
| atggaaaaat  | gtatttttgaa | atatatgaaa  | ggaacatcta  | ttgtgggtccc | tgaaccactg  | 120  |
| cacttttttat | taccagggaa  | aaaaaatctt  | gtaacaattt  | catatccttc  | aggaatacca  | 180  |
| gatggccagc  | tgcaggccta  | taggaaggag  | ttacatgata  | ttttcaatct  | gcctcacgac  | 240  |
| agaccctatt  | tcaaaaggtc  | taatgcttat  | cactttccag  | atgagccata  | caaagatggg  | 300  |
| tacattagaa  | atccacatac  | ttaccttaat  | ccaccttaaca | tggagactgg  | tatgatttat  | 360  |
| gtgggtccagg | gcataatattg | ctatcatcat  | tatatgcagg  | atcgcataga  | tgacaatggc  | 420  |
| tggggctgtg  | cttatcgata  | tctgcagact  | atctgctcct  | ggttcaaaca  | tcagggtatac | 480  |
| acagagaggt  | ccattccaac  | acacagagaa  | attcagcagg  | ctctagtcga  | tgccgggggac | 540  |
| aaaccagcaa  | catttgctcg  | atcgcggaac  | tggattggat  | ctattgaggt  | gcagctggta  | 600  |
| ctaaaccaat  | tgatcggtat  | aacgtcaaaa  | atcctgtttg  | tcagccaagg  | ttcagaaatt  | 660  |
| gcctctcaag  | gacgggaact  | ggctaatacat | ttccaaagtg  | aaggaaactcc | agttatgata  | 720  |
| gggggaggag  | ttttggccca  | cacaatacta  | ggagttgcat  | ggaatgagat  | tacagggcag  | 780  |
| ataaagtttc  | tgattctaga  | tcacatttat  | accggtgctg  | aagacctgca  | agttattttg  | 840  |
| gaaaagggct  | ggtgcggatg  | gaagggtcca  | gatttttgga  | acaaggatgc  | atactataac  | 900  |
| ttatgtcttc  | ctcagcgacc  | aaatatgatt  | taaaatatct  | tggagtcaaa  | gactgcagta  | 960  |
| gagtggattt  | ataaattttg  | gaataaagaa  | tcagtttaat  | ttttcacatt  | aaatcctggg  | 1020 |
| tctagtttga  | ccattttaa   | tatgaccttt  | ttcaaagggt  | gtaaataactg | cacggagaat  | 1080 |
| gtatttttta  | gacgttcctt  | taataaactta | aaagacaaag  | catacacaa   | cagcatatta  | 1140 |
| taggcatgta  | aatacatgtg  | ttcttaaatg  | gatcttcact  | tggaaagaa   | tttttcgtcc  | 1200 |
| ttctcagaag  | gagattagac  | acaacatatg  | gtaaagccaa  | aagcaggagc  | ttatagattt  | 1260 |
| gcataaaatg  | aaggcggtct  | tcagacttct  | tcataaccca  | cgtgacatca  | gcacttcctt  | 1320 |
| ttcccactgg  | tattttctac  | acttccgaga  | ctccgtttct  | gtctgagcac  | ggcaacacaa  | 1380 |
| tcattcctgt  | caggggtgtt  | acttgctttt  | tatttggcct  | gcattacatt  | ntaaattggg  | 1440 |
| tggtaaagaa  | aacttggggc  | acaaatcctn  | gggaatttcc  | accatggacc  | aaagcggaya  | 1500 |
| ttcttcnagg  | ctgggtttg   |             |             |             |             | 1518 |

<210> 2650

<211> 386

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2650

|            |             |             |            |            |            |     |
|------------|-------------|-------------|------------|------------|------------|-----|
| gggaagtttg | tcaatgacaa  | gagcaggaag  | agcgagaagg | tgaaggtgat | tgacgtgact | 60  |
| gtgcccctgc | agtgcctggt  | gaaggactcg  | aagctcatcc | tcacggaggc | ctccaagget | 120 |
| gggctgcctg | gcttttatga  | cccggtgtgtg | ggggaagaga | agaacctgaa | agtgtcttat | 180 |
| cagttccggg | gcgtccctgca | tcagggtgatg | gtgctggaca | gtgaggccct | ccggatacca | 240 |
| aagcagtcce | acaggatcga  | tacagatgga  | taaactgcca | agaaccagat | ttttaaaagg | 300 |
| ccgcaaaaaa | tcttttcctg  | ggagtctaca  | aatttggaag | tgaaaaaacc | cngacatcag | 360 |
| atgtttttat | tttatattat  | tattat      |            |            |            | 386 |

<210> 2651

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 2651

|            |             |             |             |            |             |     |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| ctcagctctc | accagctgtc  | agatgctgcc  | acagggcgag  | aacctccaag | atgtgctccc  | 60  |
| cagggacatc | tactgccgcc  | tcaagcgcca  | cctggagtat  | gtcaagctca | tgatgccctt  | 120 |
| gtggatgacc | ccagaccagc  | gcggcaaggg  | gctctacgca  | grcwsmkct  | tcaatgctat  | 180 |
| tgccggaac  | tgggagcgca  | agaggcctgt  | ctgggtgatg  | ctcatggtca | actccctgac  | 240 |
| tgaagtggac | attaagtccc  | gtggagtgcc  | tgtyttagac  | ctgttccttg | cccaggaggc  | 300 |
| tgagcggctg | aggaacacaga | ctggggcgagt | ggaaaagggtg | gaagagcagt | gccatccatt  | 360 |
| gaatgggttg | aactttttcac | aggtcatctt  | tgctttgaac  | cagaccctcc | tgcagcagga  | 420 |
| aagntgcna  | gcaggcagtc  | ttcagatccc  | ctacacgacg  | gaggatctca | tcaaactacta | 480 |
| taact      |             |             |             |            |             | 485 |

<210> 2652

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 2652

|             |            |            |             |            |            |     |
|-------------|------------|------------|-------------|------------|------------|-----|
| aattccgttg  | ctgtcggaaa | atattattat | gttagtttta  | gcgtggaaat | tggaggctga | 60  |
| aagcatggga  | ttttttacca | aggrmrwrw  | gttaaaggga  | atgacttcat | tacagtgtga | 120 |
| ctgcacagaa  | aakttacaaa | acaaatttga | ctttttgcgc  | tcacagttga | atgatatttc | 180 |
| gtcattttaag | aatatctaca | gatatgcctt | tgattttgca  | agggataaag | atcagagaag | 240 |
| ccttgatall  | galactgcta | aalcialyli | agcicilicly | cttgggagga | catggccact | 300 |
| gttttcagta  | ttttaccagt | acctggrgca | atcaaagtat  | cgtgttatga | acaaagatca | 360 |
| atggtacaat  | gtattagaat | tcagcagaac | agtccatgct  | gatcttagta | actatgatga | 420 |
| agatggtgct  | tggectgttc | ttcttgatga | atttgttgag  | tggcaaaaag | tccgtcagac | 480 |
| atcatagcaa  | gaactatgtg | aagaaaatgc | aaacctttca  | attcccacgt | gtatacaagc | 540 |
| taatgtgatg  | agggggaaaa | aaatccaacg | ggtgcatttt  | cattcatatg | aaagacttct | 600 |

|             |            |            |            |            |            |     |
|-------------|------------|------------|------------|------------|------------|-----|
| catagtaactt | ttttttcctt | tttttaaagg | aggtttttct | tgttacatgt | gatgggcatt | 560 |
| gagccacacc  | tcttcttaga | ctgaatattg | aagtttttgt | tttgagttat | gtttataaca | 720 |
| tttatttcag  | amcantaawg | rttncaggat | tkgtgacaaa | ggcaaaa    |            | 756 |

<210> 2653  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

|            |            |             |            |            |            |     |
|------------|------------|-------------|------------|------------|------------|-----|
| <400> 2653 |            |             |            |            |            |     |
| gtttgagctc | ttgagccagt | gacttccctg  | cacgttcagc | tttctccttt | gtgaaatgg  | 60  |
| aatagaagca | cgtgcactt  | gggattcttg  | tggattacat | gtgagggctc | tagaaacact | 120 |
| tgatgtgtaa | gccactatt  | atgtattact  | gtatatggaa | cacaagggat | gtagccaaaa | 180 |
| ctaaatgcaa | gtttgtgct  | cagatgtctt  | cctatcagaa | cagagtcaaa | tccagatttt | 240 |
| gatgctkwra | tgtgacagct | tattcagatt  | tagaaaaact | tttggtagtg | gccaaagaaa | 300 |
| acatatcctt | aaggggatat | gcccctaggc  | cctcattttc | cttttctgtc | tgagcaatta | 360 |
| aaaaaaggaa | aatgaggcct | agggggccata | tccccgtcgt | a          |            | 401 |

<210> 2654  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(475)  
 <223> n = A,T,C or G

|            |             |             |             |            |             |     |
|------------|-------------|-------------|-------------|------------|-------------|-----|
| <400> 2654 |             |             |             |            |             |     |
| aattccgttg | ctgtcgggcg  | gaaccacgag  | gagagcagtg  | agaccatgaa | tgacttgctg  | 60  |
| gcccaggtgg | ccactaacac  | ggacaccagc  | cgaaatgccg  | gaaatgcggt | cctgtttgag  | 120 |
| acagtactca | ccatcatgga  | tatccgtctc  | gcagctggcc  | tacgggttct | agctgtcaac  | 180 |
| attcttggtc | gcttccctact | caacagtgac  | aggaacatta  | ggtatgtagc | cctgacatca  | 240 |
| ctgcttcgac | tggtgcagtc  | tgatcacagt  | gctgtgcagc  | ggcatcggcc | cactgtgggtg | 300 |
| gaatgtctac | gggaaactga  | tgccctccctc | agccgggtgag | cagtgataga | ggggacagga  | 360 |
| gggcagggca | gaggttccca  | gtgccctgtg  | gccaaagactc | gagccagttt | agagcagctg  | 420 |
| gagtaagggg | actaaggggg  | acaggctcct  | gggggaagca  | gagggcctna | ggcat       | 475 |

<210> 2655  
 <211> 1731  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1731)  
 <223> n = A,T,C or G

|             |            |             |            |            |             |     |
|-------------|------------|-------------|------------|------------|-------------|-----|
| <400> 2655  |            |             |            |            |             |     |
| gacatttcsr  | mwmgmkcytt | tgtgaatttc  | cagatatggg | attttcctgg | gcaaattggac | 60  |
| tttttkgacc  | caacctttga | ctatgagatg  | atcttcaggg | gaacaggagc | attgatatac  | 120 |
| gtcattgacg  | cacaggatga | ctacatggag  | gctttaacaa | gacttcacat | tactgtttct  | 180 |
| aaagcctaca  | aagttaaccc | agacatgaat  | tttgagggtt | ttattcacia | agttgatgg   | 240 |
| ctgtctgatg  | atcacaaaat | agaaacacag  | agggacattc | atcaaagggc | caatgatgac  | 300 |
| cttgacagatg | ctgggctaga | aaaactccat  | cttagctttt | atctgactag | tatctatgac  | 360 |
| cattcaatat  | ttgaagcctt | tagtaagggtg | gtgcagaaac | tcattccaca | actgccgacc  | 420 |
| ttggaaaacc  | tattaaatat | ctttatatca  | aattcaggta | ttgaaaaagc | ttttctcttt  | 480 |
| gatgttgtea  | gcaaaatcta | cattgcaaca  | gacagttccc | ctgtggatat | gcaatcttat  | 540 |

|            |            |            |             |            |            |      |
|------------|------------|------------|-------------|------------|------------|------|
| gaactttgct | gtgacatgat | ccgatgttgt | aattgatgtg  | tcttgtatat | atgggttaaa | 600  |
| ggaagatgga | agtggaagt  | cytatgacaa | agaatctatg  | gcaattatca | agctgaataa | 660  |
| tacaactgtc | ctttatttta | aggaggtgac | taaatTTTTg  | gcaactggct | gcattctaa  | 720  |
| ggaagaaagc | tttgaaagaa | aaggTTTTa  | agactacaac  | ttccactgtt | tccgaaaagc | 780  |
| tattcatgag | gtttttgagg | tgggtgtgac | ttctcacagg  | agctgtggtc | accagactag | 840  |
| tgccctcagt | ctgaaagcgc | tgacacacaa | tggcacgcca  | cgaaacgcca | tctagtctga | 900  |
| atccccagct | cggggctctg | tgccagctta | ctcttcactc  | cagggtcgga | tgccacgtgc | 960  |
| tacaggacat | gggagctgct | gcttgtggga | atctggtgcc  | tgttccacta | gagacaaggg | 1020 |
| gtagagtttc | tcatttggat | gaaaaccct  | tcaactgggtg | gtgtacaact | gaagctacta | 1080 |
| tatctttttt | gaaaatggca | aaaaaaaaa  | aaaaaaaatt  | ctggagacca | cagaactcaa | 1140 |
| gtgtgtgttt | ctctctttt  | gggtccctt  | taagtagttg  | ggatattttg | gacctggaga | 1200 |
| taacaccagt | taccatctt  | taccaggga  | tgttgccatc  | aattccagtt | gaaaataata | 1260 |
| gaaaagactg | aatttttata | tgttccactt | aggctttcat  | ttgagtagac | tctaaaaatt | 1320 |
| ctgccttgct | taagttctaa | caactgcctt | cagatttcag  | ttttggacat | tgcacaacta | 1380 |
| agacctttta | aacgcatttg | cttgctaact | cggaagacac  | atagtctgca | gcaagacatt | 1440 |
| cctatattga | agaaatgaga | gaaaatttta | tgtctgcata  | ggtggagagc | aaggctcaac | 1500 |
| ggtggttgca | ttagttccct | cggaagtatt | gaaaaaactt  | tgaaatggaa | gaaaattttt | 1560 |
| ggcacctatg | ttctgagtac | cagatgtctg | gggttctttc  | ttctgcatta | ggataaatgn | 1620 |
| atcatgctca | gtgntaacia | aggggaatta | aaagtttttc  | ccacagtcct | cttctagggg | 1680 |
| aggaaaancc | attggtggcc | actggaatgg | ttagcttact  | ttaatcttgg | n          | 1731 |

<210> 2656

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2656

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| aattccggtt | ctgtcgcgga | aatgtccgaa | ggcagcagta | cttgaccctg | tattttggga | 60  |
| gtcgaacgga | gaatggaaac | tgaaagtggg | aatcaggaaa | aggtaatgga | agaagaaagc | 120 |
| actgaaaaga | aaaaagaagt | tgaaaaaaag | aaacggtcac | gagttaaaca | ggtgcttgca | 180 |
| gatattgcta | agcaagtggg | cttctgggtt | ggggatgcaa | atcttcacaa | ggatagattt | 240 |
| cttcgagaac | agatagaaaa | atctagagat | ggatatgttg | atatatcact | acttgtgctt | 300 |

<210> 2657

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2657

|            |            |            |            |            |             |     |
|------------|------------|------------|------------|------------|-------------|-----|
| aattccggtt | ctgtcgggca | cgctctctgt | tatctgttgg | aggaccctga | ccccgcaccc  | 60  |
| cacctctgag | gccagaaatc | ggttgccctt | ggggacctga | gaagcgagac | cactcgcgcc  | 120 |
| cctgacttgc | aagttggggg | ctttatttgg | ctccgggatt | ctgctcgtgg | cggtttctcc  | 180 |
| aggctggtga | tgggcaagcc | gggtgtacca | agtccaggat | gcacatgagg | agccgtttgt  | 240 |
| aaccgcactg | aatcacctca | tgactagogg | ggcaggcctc | taattcaccg | cagggaatttc | 300 |

<210> 2658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2658

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| aattccggtt | ctgtcgcagt | gagcgggtct | gggcggctgc | tggcagcgcc | atggagacgg | 60  |
| tacagctgag | gaaccgcgcc | cgccggcagc | tgaaaaagtt | ggatgaagat | agtttaacca | 120 |
| aacaaccaga | agaagtattt | gatgtcttag | agaaacttgg | agaaggatta | ctgtagatgc | 180 |
| agtatatgga | atcaggaatc | ttaacttcct | gtgagctatt | ggagtttctt | ttgctatcag | 240 |
| gatcataagg | gagggcttat | gcagcgtata | caagctattc | ttaaggagac | cggccagatt | 300 |

<210> 2659

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2659  
 cgcgcggttcc agagctgggc gctgcagctg cactgccgat cgccgtgttt ggtcgataga 60  
 atccccagtg tgcccagaga gtgcgacccc tcgcccggcc cggcgagccc cgggcgtgaa 120  
 ccgaactgag ggaggatggc agcctctggg gtggagaaga gcagcaagaa gaagaccgag 180  
 aagaaacttg ctgctcggga agaagctaaa ttgttgccgg gtttcattgg cgatcatgaat 240  
 aacatgcgga aacagaaaac gttgtgtgac gtgatcctca tgggtccagga aagaaagata 300

<210> 2660  
 <211> 908  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (908)  
 <223> n = A,T,C or G

<400> 2660  
 aattccgttg ctgtcgggta gaaatgggtc catttaaaca tacggttgat gatggctctgg 60  
 atattagaaa ggcagcattt gagtgtatgt acacacttct agacagttgt cttgatagac 120  
 ttgatattct tgaatttcta aatcatgttg aagatggttt gaaggacat tatgatatta 180  
 agatgctgag agattttaat ttggtgagac tgtctaccct ttgtccaagt gcagtactgc 240  
 agaggttgga ccgacttggt gagccattac gtgcaacatg tacaactaag gtaaaggcaa 300  
 actcagtaaa gcaggagttt gaaaaacaag atgaattaaa gcgatctgcc atgagagcag 360  
 tagcagcact actaaccatt ccagaagcag agaagagtc actgatgagt gaattccagt 420  
 cacagatcag ttctaaccct gagctggcgg ctatctttga aagtatccag aaagattcat 480  
 catctactaa cttggaatca atggacacta gttagatgtt tgttcacat ggggaccatt 540  
 acatatgacc atacaatgca ctgaattgac aggttaatca taagacatgg aaagagaagt 600  
 gtctaaaagc ttcaaaatgt tccacttttt ttctcttcat ggagactgtt tgtttggctt 660  
 tcttccattg ttgtttttgt agcatttatt tcagaaatgt gtatttccat aatccagagg 720  
 ttgtaaaacc actagtgttt tagtggttac agcaacattt gaaatggaaa ctaaaagtta 780  
 ggattttatg gagtatggag ataggggtcca gtatctattt accctgtaat gtttaggatt 840  
 aaaatgttaa aattttgtga cntgaattt ctttctttta taaattttct catttaaaaa 900  
 tcaaaaaa 908

<210> 2661  
 <211> 872  
 <212> DNA  
 <213> Homo sapiens

<400> 2661  
 aattccgttg ctgtcgaat ttttgaaggt cttggcccaa aagttgaact gccactgtat 60  
 aaccagccat cagataccaa ggtgtaccat gagaacatca agacaaacca ggtgatgagg 120  
 aaaaaactca ttttattttt taaaagaaga aatcatgcaa gaaaacaaag ggaacaaaaa 180  
 atctgccagc gttatgatca gctcatggag gcatgggaga aaaaagtgga cagaatagaa 240  
 aataatcttc ggaggaaagc taaagaaagc aaaacmaggg aatactattr aaaagcagtt 300  
 tccagaaatt cgaaaacaaa gagaacagca agaaagattt cagcgagttg ggcagagggg 360  
 agctggtctt tcagccacca ttgctaggag tgagcatgag atttctgaaa ttattgatgg 420  
 gctctctgag caggagaata atgagaaaca aatgcggcag ctctcgtgat tccacctatg 480  
 atgtttgatg cagaacaaag acgagtcaag tycattamca tgaatgggct tatggaggac 540  
 cctatgaaag tgtataaaga taggcagttt atgaatgttt ggactgacca tgaagaggag 600  
 atctttaagg acaagtttat ccagcatcca aaaaactttg gactaattgc atcatacttg 660  
 gagaggaaga gtgttcttga ttgtkttttg tattactatt taaccaagaa aaatgagaat 720  
 tataaagccc tcgtcagaag gaattatggg aaacgcagag gcagaaacca gcaaattgct 780

cgaccctcgc aagaagaaaa agtagaagaa aaagaagagg ataaagcaga aaaaacaraa 840  
 aaaaaagaag aagaaaagaa agatgaagag ga 872

<210> 2662  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<400> 2662  
 cgcgctttga aaaaatgaga tcagcaaaac gcaggcaaca gacctaatac atttcaaaac 60  
 ttgatatttc attttgcggt ttagctagag aagttttcct tgtgacttac taatggctgc 120  
 aatgccaatg attgtaagaa aacaaacaaa tttatcatga aattctcctt gtcattttat 180  
 amrtssmyat tttaacatca tttatgggtc cagagatgca tacacttttt tctgacaaga 240  
 aaaagtaaaa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaagt 300  
 cagattttgt cataaagttg ttatagattt tttaaaatgc ttttttaata ttaaaatgta 360  
 cttttacatt cttaatcttt ttttagaaag gaaaagtttt cttcatttag ctgctgattt 420  
 aaaagtaag ttctccaatt cttaaaaa 448

<210> 2663  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(498)  
 <223> n = A,T,C or G

<400> 2663  
 aattactagt gggggagtaa ggggacaggc cattgggcat actggagcag catttactca 60  
 gtcattgaga aaaggatgga acattcaata aaggggtgctg gacacatttg tgctctaaaa 120  
 attttggtgt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180  
 ttactgtctc catagttttg cttttcccag aatgtcacac ccttggaaac atacagcatg 240  
 taaccttttc agattggctt cttttacgta gtaatatgca tttaggattc cttcatgcct 300  
 tttcctggat tgatagctca tttnttttta gtctgaata atattccatt ctatggatat 360  
 accacaattg atccattcac ctactgaagg tcattttgat tgcttccaag ttttgataat 420  
 ttaaaaaatt ttttaagaca ggggtgtcatt gtgttttcca tactggtctc ctgaacacct 480  
 gggctgatgt gaacctct 498

<210> 2664  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2664  
 aattccgttg ctgtcggagc tegtgagtgg gcgcgcgcgc caccgcccc gcgcgcgtcg 60  
 tctcggtagc agccttcgcc acgcgggggt ctccagctcc actggggcca tgtcagagcg 120  
 agaagagcgg cggtttggtg agatccctcg ggagtctgtc cggctgctcg cagaggacgt 180  
 gtgctatcgt ctgagagagg ccacgcagaa tagctctcag ttcattgaagc acaccaaagc 240  
 ccggaagctg acggttgagg acttnnncag ggccctcaga tggagcanng agtaggctgt 300

<210> 2665  
 <211> 787

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(787)  
<223> n = A,T,C or G

<400> 2665  
gccacgtttg caaaaatgca gcaaaaaagt tacttagtct ggctgttttag tagaatttac 60  
ctctactcat tcatcagcct ctttatatat atgatttttaa gtcttttcat tgcactgac 120  
actgatacat acgaaacaat taagcaatac caacaagatg gcttcccaga gactgaactt 180  
cgtacattta tatcagaatg caaagatcta cccaactctg gaaaatacag attagaagat 240  
gaccctccag tatctttatt ctgctgttgt aaaaagtagc tatcagggtt atctgtactt 300  
tagaggaaaa tataatgtgt agctgagttg gaacactgtg gatattctga gatcagatgt 360  
agtatgtttg aagactgtta ttttgagcta attgagacct ataattcacc aataactgtt 420  
tatattttta aaagcmatat ttaatgtctt tgcaacttta tgctgggatt gtttttaaaa 480  
aaacttttaa gaggaaagct attggattat tattatttct tgtttatttt gccatggctt 540  
tagaatgtat tctgtatgcc tctcttttgc tctgatactg ttgttccttc tattctgatt 600  
gtgcagactg tataattagt ggaaaacaat ccttggtctg actgtgactt tggacactca 660  
gtnacccctgg cttggaccac tctcaggagn catncttgag agagtgggtg tagttacatt 720  
tntcagtaac atgnatttaa antcccttga naggaagaat agagtnacag aatagacnca 780  
cagaatn 787

<210> 2666  
<211> 703  
<212> DNA  
<213> Homo sapiens

<400> 2666  
ttgtgaacca gatgatgaaa gtggctatga tgttttagcc aacccccag gaccagaaga 60  
ccaggatgat gatgacgatg cctatagcga tgtgtttgaa tttgaatttt cagagacccc 120  
cctcttaccg tgttataaca tccaagtatc tgtggctcag gggccacgaa actggctact 180  
gctttcggat gtccttaaga aattgaaaat rtctctcccg catatttctc tgcaattttc 240  
caaacgtgga aattgtcacc attgcagagg cagaatttta tgggcagggt tctgcaagtc 300  
tcttgttctc ttgtctcaaa gacctggaag ccttcaacc tgaaagtaag gagctgttag 360  
atctggtgga attcacgaac gaaattcaga ctctgctggg ctctctgta gagtggctca 420  
ccccagtgat ctggcctcag acaactactg gtgagcaagc tggacccasc mtgtacagt 480  
tgttatagt ttaatccttg tgcatatgtg tcataatata actatttctg taaagaaagg 540  
acactattac atatgaaaat atctcttctt tatataagag aaattactcc agtcagaagg 600  
acttagaaac atgttttttt ccttttaaac ttttaagtca gtttttatga agttgttata 660  
atgtttcttt acttttcaat gcacacatgc tttgggatac gtt 703

<210> 2667  
<211> 1018  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1018)  
<223> n = A,T,C or G

<400> 2667  
aattccgttg ctgtcggaaa ctccctggag cgacgcagcg tccggatgaa gcggccttcc 60  
tcgggtcaagt cgctgcgctc cgagcgtctg atccgtacct cgctggacct ggagttagas 120  
cwssaggcga caagaacctg gcacagccaa ttgacccagg agatctcggt gctgaaggag 180  
ctcaaggagc agctggaaca agccaagagc cacggggaga aggagctgcc acagtgggtg 240

|            |             |             |            |            |             |      |
|------------|-------------|-------------|------------|------------|-------------|------|
| cgtgaggacg | agcgttttccg | cctgctgctg  | aggatgctgg | agaagcggca | gatggaccga  | 300  |
| gcggaacaaa | gggtgagctt  | cagacagaca  | agatgatgag | ggcagctgcc | aaggatgtgc  | 350  |
| acaggctccg | aggccagagc  | tgtaaggaaac | ccccagaagt | tcagtctttc | agggagaaga  | 420  |
| tggcattttt | caccgggect  | eggatgaata  | tcccagctct | ctctgcagat | gacgtctaata | 480  |
| cgccagaaaa | gtatttccct  | tkttccaytg  | accaggctgt | gaacattgac | tgtggctaaa  | 540  |
| gttatttatg | tggtgttata  | tgaagggtact | gagtcacaag | tcctctagt  | ctcttgttgg  | 600  |
| tttgaagatg | aacggacttt  | ttagtttggg  | tcctactgtt | gttattaaaa | acagaacaaa  | 660  |
| aacaaaaaac | acacacacac  | aaaaacagaa  | acaaaaaaaa | ccagcattaa | aataataaga  | 720  |
| ttgtatagtt | tgtatatatta | ggagtgtatt  | tttgggaaag | aaaattttaa | tgaactaaag  | 780  |
| cagtattgag | ttgctgctct  | tcttaaaatc  | gtttagattt | tyytsgttgt | acagctccac  | 840  |
| cttttagagg | tcttactgca  | ataagaagta  | atgcctgggg | gacggtaatc | ctaataaggac | 900  |
| gtcccgcact | tgtcacagta  | cagctaattt  | ttcctagtta | acaatttgtc | atattammmm  | 960  |
| ntgcacagam | maccaattggg | ggggattcag  | agggtcatcc | acggnctctc | ttgagctg    | 1018 |

<210> 2668

<211> 587

<212> DNA

<213> Homo sapiens

<400> 2668

|            |             |            |            |            |             |     |
|------------|-------------|------------|------------|------------|-------------|-----|
| atcatattca | agttggcagg  | tttgactgtt | cctctgcacc | agacatctgt | agtaatctgt  | 60  |
| atgtttttca | gcgctctcta  | gcagtattta | aaggacaagg | aaccaaagaa | tatgaaattc  | 120 |
| atcatggaaa | gaagattcta  | tatgatatac | ttgcctttgc | caaagaaart | kygrmwkmks  | 180 |
| atgttaccac | gcttggacct  | caaaattttc | ctgccaatga | caaagaacca | tggcttgttg  | 240 |
| atttctttgc | ccccgtgtgt  | ccaccatgtc | gagctttact | accagagtta | cgaagagcat  | 300 |
| caaactctct | ttatggtcag  | cttaagtttg | gtacactaga | ttgtacagtt | catgaggggac | 360 |
| tctgtaacat | gtataacatt  | caggcttata | caacaacagt | ggtattcaac | cagtccaaca  | 420 |
| ttcatgagta | tgaaggacat  | cactctgctg | aacaaatctt | ggagttcata | gaggatctta  | 480 |
| tgaatccttc | agtggctctc  | cttacaccca | ccaccttcaa | cgaactagtt | acacaaagaa  | 540 |
| aacacaacga | agtcctggatg | gttgattttc | attctccgtg | gtgtcat    |             | 587 |

<210> 2669

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2669

|            |             |             |             |            |            |     |
|------------|-------------|-------------|-------------|------------|------------|-----|
| gggaagtgtg | tgttcaaate  | tgtagtgtgt  | ccagtcagca  | caaacgagga | aatgatggca | 60  |
| gagttagttt | aataaaaacag | agggaaatcta | cgttagggtat | catgtatcgg | agtgaactgc | 120 |
| tttcttttat | caaaaaatta  | cgagaaccac  | tcgttttgac  | tattatttta | tcactctttg | 180 |
| tgaactttca | caatgttcgg  | gaggacattg  | tgaatgatata | tacagctgaa | cacatttcta | 240 |
| tttggccatc | ttccattccc  | aacctccagt  | ctgtggactt  | tgaagctgtg | gcaatcacag | 300 |

<210> 2670

<211> 1187

<212> DNA

<213> Homo sapiens

<400> 2670

|             |             |             |             |             |            |     |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| gggagaccta  | tacctagatg  | ttgctgaagc  | ttttctggat  | gttgggtgaat | ataattctgc | 60  |
| acttcccttc  | ctcagtgtct  | ttgtttgtct  | tgaagataac  | aaccttgacg  | tagtttggct | 120 |
| tcgtcatgca  | gaatgtttta  | aggccttagg  | ctatatggag  | cgagctgctg  | aaagctatgg | 180 |
| caagggtggt  | gatctggccc  | cactccattt  | ggatgcaagg  | atttcaactt  | ctacccttca | 240 |
| gcagcagctg  | gyccagcctg  | agaaaagctct | ggaaagctctg | gaaccaatgt  | atgatccaqa | 300 |
| tacttttagca | caggatgcaa  | atgctgcaca  | gcrggaaactg | aagttattgc  | ttcatcgctt | 360 |
| tactctgttg  | ttttcacaag  | ggcaaaatgt  | atgggttatg  | tgggatacct  | tacttactat | 420 |
| gttaggccat  | gcttttaaaag | gtagcaatga  | atcgagccca  | agtttgtttg  | atatccagtt | 480 |
| ccargtctgg  | agagaggcat  | ctttatctta  | ttaaagtatc  | gagagacaaa  | atatcagaca | 540 |

|             |            |            |            |            |            |      |
|-------------|------------|------------|------------|------------|------------|------|
| gcaatgacca  | agagtcagca | aattgtgatg | caaaagcaat | atttgctgtg | ctcacaagcg | 600  |
| tcttgacaaa  | ggatgactgg | tggaatcttc | tgttgaaggc | catatactcc | ttatgtgacc | 660  |
| tatccccgatt | tcaagaggct | gagttgcttg | tagattcctc | attggaatat | kactcatttt | 720  |
| atgatgacag  | gcaaaaacgc | aaagaactag | aatacttttg | tctgtctgct | gcaattctgg | 780  |
| acaaaaattt  | cagaaaggca | tacaactata | tcaggataat | ggtaatggaa | aatgtcaata | 840  |
| aacccccagct | ctggaacatt | ttcaatcaag | ttaccatgca | ctcccaagat | gtacgacatc | 900  |
| atcgcttctg  | tctccgtttg | atgctgaaaa | accagaaaaa | tcattgacct | tgtgtcttaa | 960  |
| atggacacaa  | tgcatttgta | tctggtagtt | ttaagcatgc | gcttggacag | tatgtgcaag | 1020 |
| ccttttcgac  | tcacctgac  | gaacctctct | atagcttctg | tataggccta | acctttattc | 1080 |
| atatggcatc  | tcagaagtat | gtgttacgga | gacaagctct | taatgtacag | ggctttccct | 1140 |
| ttctaatacg  | tacctcaatt | acgtggggcc | tgcaggaatc | catctac    |            | 1187 |

<210> 2671

<211> 1402

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1402)

<223> n = A,T,C or G

|            |             |             |             |             |            |      |
|------------|-------------|-------------|-------------|-------------|------------|------|
| aattccgctt | ctgtcgccca  | ctgcgcacgg  | cctggggagg  | ttttatttct  | tgacaaaggt | 60   |
| atttgatact | cgtgcagtc   | ctggagggtc  | tcaactggaga | gacaacattt  | aggctgagat | 120  |
| ctgattaaca | ggaggcagct  | gcagtgcaga  | ggtcaaaagg  | gagggtgttc  | caggcagaga | 180  |
| aaacagcctg | tgcaaaggcc  | ctgaggmaga  | aacaaactct  | acttgaggtc  | agcctgggta | 240  |
| gaaagcccaa | ctcaaaatag  | aaagtattac  | atgataaggt  | ctgaggcagg  | ctggaccag  | 300  |
| atcttacagg | accttggtta  | taaggatccc  | atttggtccc  | ccacagtcct  | gagaagcggg | 360  |
| cagggtctgt | ggaaacagca  | gatatttagt  | ggtaagcctg  | agatcagaac  | ccaagtctgc | 420  |
| acttccctag | nacgttctcc  | ctgtagtgct  | aagcccagag  | acctgagctg  | ttaacctaga | 480  |
| acagtgtgct | tcctaagcct  | taatgtgcat  | acccatcgcc  | tggagctcgc  | cttaagatgt | 540  |
| aggttctgce | tgaagcccaa  | gttcatttag  | tatgtcatgg  | ttaattcaga  | gtaaaatcaa | 600  |
| gagttagtac | ttgatttatg  | cttggtatat  | aaagaaagag  | acaacttcac  | tgtatgatca | 660  |
| ttttgtcact | tttcaaaagc  | atttaattcc  | cattcaattg  | aaaatgtttc  | aagaacaaac | 720  |
| ctggttggtc | attttattga  | tattgcacat  | ttgtatatga  | ataaattttt  | gcaaattaar | 780  |
| raaaaaaaga | tgtaggttct  | gaaacagggt  | gagggtccagg | atcctgcctt  | tctaaggagc | 840  |
| tcccacgttg | tgcagttgct  | gctggccccg  | ggaccacatt  | gaatgacggc  | tctacgtcct | 900  |
| catgcctcca | gctgctgccc  | tgtacatgtc  | caactgcacg  | gagcacttta  | catcctctaa | 960  |
| aaccacagta | aattgctcca  | tttccctaaat | tacctcttca  | agagaagact  | ggttttgatg | 1020 |
| tcatttttaa | ataaaggaga  | agttgaattt  | caaaaccaag  | tggaacagga  | atgatgtgac | 1080 |
| ttggttgaca | ttgattttta  | catttggttc  | atggtgagtg  | ttttgcttta  | ttgttaaaaa | 1140 |
| ctcgccacta | aaagcatgac  | agaacatttt  | atcaaatgat  | ggcgtcatcc  | tttaccgtaa | 1200 |
| gtttgcccct | agcaagacag  | ctcttccctga | gacgtgcttg  | caggcccccta | tgtgggtttt | 1260 |
| cccacgcag  | tcattcatccg | tcattctgtga | ccttgctgca  | tttactccat  | gtcacacccc | 1320 |
| cagcagccc  | cnggggtttg  | ggcatcgccc  | ttcagngggc  | atcaaaacttc | ccnggtgggc | 1380 |
| aatgttacaa | gagttaggcc  | ag          |             |             |            | 1402 |

<210> 2672

<211> 343

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (343)

<223> n = A,T,C or G



<400> 2672

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| tttagatgaa | gtgctgagaa | tatttagaaa | aagcgcttta | aaaagcatct | agagattatc | 60  |
| atgaaaataa | ttggagmmaa | agtcactagg | ctgctttgtg | agaggcagca | taccatggct | 120 |
| ctaaacccgt | tcacaaaaaa | caatgtaga  | gacattagga | attcagggtt | tgaaaatctt | 180 |
| tttttcgatt | tatttgtaat | ttacatacca | aaaaaccaca | ttaaaatagt | cctcccttca | 240 |
| acatggctat | cttttttcaa | gttttatatg | catagctctc | tcagcacttg | aatggaaaam | 300 |
| tgtacagcat | tgggagnagt | tnttctttga | gacantgggc | agt        |            | 343 |

<210> 2673

<211> 509

<212> DNA

<213> Homo sapiens

<400> 2673

|            |            |             |            |             |             |     |
|------------|------------|-------------|------------|-------------|-------------|-----|
| gccctgtttg | cctataagat | gtcatcggtg  | cagatgatgt | ttgggggtcaa | tttctttctcc | 60  |
| tgcctcttca | cagtgggctc | actgctagaa  | cagggggccc | tactggaggg  | aaccgccttc  | 120 |
| atggggcgac | acagtgagtt | tgctgcccac  | gccctgctac | tctccatctg  | ctccgcattg  | 180 |
| ggccagctct | tcatctttta | caccattggg  | cagtttgggg | ctgccgtctt  | caccatcatc  | 240 |
| atgacctctc | gccagqccct | tgccatcctt  | ctttcctgcc | ttctctatyy  | ccacactgtc  | 300 |
| actgtggtgg | gagggctggg | ggtggtctgt  | gtctttgctg | ccctcctgct  | cagagtctac  | 360 |
| gcgcgggggc | gtctaaagca | acggggaaaag | aaggctgtgc | ctgttgagtc  | tctgtgcag   | 420 |
| aaggtttgag | ggtggaaaag | gcctgagggg  | tgaagtgtcc | tactaaaaag  | aataaatgtt  | 480 |
| ggcagtgaat | taacaattt  | ttcaaatga   |            |             |             | 509 |

<210> 2674

<211> 485

<212> DNA

<213> Homo sapiens

<400> 2674

|            |            |             |            |             |             |     |
|------------|------------|-------------|------------|-------------|-------------|-----|
| aattccgttg | ctgtcgggca | gtggtttctt  | agatgttgac | acaaaaagca  | cacgtggcaa  | 60  |
| aagaaaaagc | aaagtcaaca | ccatcaaaga  | tgaaagtgtt | cgtgcttcag  | ggaacactat  | 120 |
| caagaaagtg | aaaagacaa  | ccaagaatgg  | gatagtattt | tsyamwwcwm  | mtawmtkytr  | 180 |
| mgrmkctyga | yatctattct | agctatagga  | ctcttacaac | ttaataaaaag | agaaaaccca  | 240 |
| cctgggtgca | ctggctcacg | cctgtaatcc  | cagcactttg | ggaggccagg  | cggacggatc  | 300 |
| acttaagccc | aggagttcaa | gaccagcttg  | ggcaacacgg | caaaaccctg  | tctctacaaa  | 360 |
| aaataccaaa | ataattagtc | gggtatgggt  | gcgggcacct | gtggtcccag  | ctaatecgaga | 420 |
| ggcagaggtg | ggaggatctc | ttggggcccag | gaggtggagg | ctgcagttag  | ccaaaatcag  | 480 |
| accat      |            |             |            |             |             | 485 |

<210> 2675

<211> 1260

<212> DNA

<213> Homo sapiens

<400> 2675

|             |            |             |             |             |            |     |
|-------------|------------|-------------|-------------|-------------|------------|-----|
| aattccgttg  | ctgtcggcaa | ctgtgacctg  | gagcgctttg  | ctcaggctctt | ggagaaggaa | 60  |
| ctgccccgtg  | atgcgcgccc | catcttctctg | cgccctcctgc | ctgagctgca  | caaaacagga | 120 |
| acctacaagt  | tccagaagac | agagctacgg  | aaggagggtt  | ttgaccgggc  | tattgtgaaa | 180 |
| gacccgctgt  | tctatctaga | tgcccagaag  | ggccgcatac  | gtcccgtctg  | accaagaggc | 240 |
| ctacagccgc  | atccaggcag | gcgaggagaa  | gctgtgattc  | cccccatccc  | tctgaggggc | 300 |
| ggcggatgct  | ggatccggag | ccccagggtc  | cgccccagag  | cgtcctggac  | aaggccagac | 360 |
| caaagcaagc  | agggcctggc | acctccatcc  | tgagggtgctg | ccctccatc   | caaaactgcc | 420 |
| aagtgaactca | ttgccttccc | aaaccttcca  | gaggctttct  | gtgaaagtct  | catgtccaag | 480 |
| ttccgtcttc  | tgggctgggc | aggcctctgg  | ttcccaggst  | gagactgacg  | ggttttctca | 540 |
| ggatgatgtc  | ttgggtgagg | gtagggagag  | gacaaggggt  | caccgagccc  | ttcccagaga | 600 |
| gcaggagct   | tataaatgga | accagagcag  | aagtcctccag | actcaggaag  | tcaacagagt | 660 |
| gggcaggagc  | agtggtagca | tccatctggt  | ggccaaagag  | aatcgtagcc  | ccagagctgc | 720 |

|             |            |             |             |            |            |      |
|-------------|------------|-------------|-------------|------------|------------|------|
| ccaagttcac  | tgggctccac | ccccacctcc  | aggaggggag  | gagaggacct | gacatctgta | 780  |
| ggtggccccc  | gatgccccat | ctacagcagg  | aggtcaggac  | cacsccttgg | cctctcccca | 840  |
| ctcccccatc  | ctcctccctg | ggtggctgcc  | tgattatccc  | tcaggcaggg | cctctcagtc | 900  |
| cttggtgggtc | tgtgtcacct | ccatctcagt  | cttggcctgg  | ctatgagggg | aggaggaatg | 960  |
| ggagagggggg | ctcagggggc | aataaactct  | gccttgagtc  | ctcctagcct | gtgtgcaaac | 1020 |
| cacccaagcc  | cacctgacc  | ccagarcccc  | acagcccccac | tgtggccgct | tgatccccc  | 1080 |
| cgccaacccc  | ctggcccatt | gacccgcctc  | atctgttcat  | tcacttatct | aagctgaggg | 1140 |
| tgtagcaggt  | aagatgcgc  | agcccccctgc | tccaatgtgc  | tggttcagcc | ggggcagtg  | 1200 |
| ccatgtgaat  | ctggcaaggt | gtttaacagt  | gtgggcttga  | aagyccaaac | caaaaaaaaa | 1260 |

<210> 2676

<211> 649

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 2676

|            |            |            |             |             |            |     |
|------------|------------|------------|-------------|-------------|------------|-----|
| aattccggtg | ctgtcgggtg | aagcctgggc | agggtggtga  | caagtgcccc  | aaatgctgca | 60  |
| gcatcaagcc | cgaccgagcc | caccactgca | gtgtttgtaa  | gcggtgcatt  | cggaagatgg | 120 |
| accaccactg | tccctgggtc | aacaactgtg | taggcgagaa  | caaccagaag  | tacttcgtcc | 180 |
| tgtttacaat | gtacatagct | ctcatttcc  | tgcacgcct   | catcatgggtg | ggattccact | 240 |
| tcttgcattg | ctttgaagaa | gattggacaa | agtgcagctc  | cttctctcca  | cccaccacag | 300 |
| tgatttccct | tatctgtctg | tgtttgagg  | gcctgtctct  | cctcattttc  | acatcagtga | 360 |
| tgtttgggac | ccaggtgcac | tccatctgca | cagatgagac  | gggaatagaa  | caattgaaaa | 420 |
| aggaagagag | aagatggggc | taaaaaaaca | aaatgggatg  | aacatgaaag  | ccgtttttkg | 480 |
| gccacccctt | cttytctagg | gcttggggcc | agcccccctt  | tgccacggsc  | aggaccaagg | 540 |
| gggargggma | gaccccttac | cagtatgttg | gggggttttaa | gggggcccc   | gacccggcat | 600 |
| ttgggccact | ttaggnacac | agttncacca | ancacaagca  | ctttaccgt   |            | 649 |

<210> 2677

<211> 862

<212> DNA

<213> Homo sapiens

<400> 2677

|             |            |            |            |             |            |     |
|-------------|------------|------------|------------|-------------|------------|-----|
| aattccggtg  | ctgtcgaaac | cawgratctw | cwgkyrgmaw | kwaayaaaaa  | gsaatckgct | 60  |
| atctcagtca  | swcatgtat  | tcagyayttk | cttctmtctg | gaytammtr   | aagttactss | 120 |
| ssktymccaa  | gcagtgaac  | gaatggacca | aaggggtaaa | tctctttgaa  | caagaaatta | 180 |
| ttctgggtgcc | tattcatcgg | aaggtacatt | ggagcctgg  | ggtgattgac  | ctaagaaaaa | 240 |
| agtgtcttaa  | atatctggat | tctatgggac | aaaagggcca | caggatctgt  | gagattctcc | 300 |
| ttcagtat    | acaggatgaa | agtaagacca | aaagaaatag | tgatctgaat  | cttttagagt | 360 |
| ggacccatca  | cagcatgaaa | ccacacgaga | ttcctcaaca | gctgaatggg  | agtgattgtg | 420 |
| gaatgtttac  | ttgtaaatat | gcagattata | tttctagggg | caaaccctatc | acatttactc | 480 |
| agcaccagat  | gcctctcttc | cggaagaaga | tggtgtggga | aatccttcat  | cagcagttgc | 540 |
| tgtgagaaaa  | ctttgcctgg | tccctctagc | tgctgggtgg | tctttcacag  | acatttccat | 600 |
| atacctcatg  | cattgtgggt | taaaaagtc  | ctgcacact  | tctgttctca  | caggtactga | 660 |
| gctgtcaaaa  | gtgcatgaag | gcctctcact | gtactctagt | cctgacttgg  | ggtgcagagg | 720 |
| gctgcttgca  | atcctgtttg | taaggtgtg  | cctgtctaga | gctttggret  | gttcaaccca | 780 |
| cacaagaaca  | aacgctaact | aatatTTTT  | ttaagagatt | cttttcccta  | tgaatgtggg | 840 |
| aaatgcagga  | tttattctgt | ga         |            |             |            | 862 |

<210> 2678

<211> 655

<212> DNA

<213> Homo sapiens

<400> 2678

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| ccattgttag | catcgtaaac | gattgtgatt | tttatgtcaa | aagaagccaa | aacttgcaat | 60  |
| actatTTTTa | gcagacaaaa | aaaagaaata | agtataaaat | gtataaatat | ttttgacttg | 120 |
| aacatttgga | tggcactggg | tsmamgtaga | gcacccatcc | ttcggatgra | atgtttggaa | 180 |
| aaaagagact | tttaaaaagg | agacggttgt | tttaaagagt | ctgttttagg | gttaaagtac | 240 |
| tgtaactcac | gactgtttaa | aaataaaatt | tcctgtgctg | taaaggaagg | tttcacagta | 300 |
| ccactgagtt | agatttcagc | cacagatgct | tagctttttt | tttttgtctt | ttttttaagg | 360 |
| aggaagcctt | tgTTTTgttt | tcctgagccc | tcactctggt | tttgtgctgt | tactcggtag | 420 |
| agtcaagact | gttactTTTT | agccatggct | gacattgtat | caataactaa | aactgaaaca | 480 |
| ttcaaaagcg | aacagggaaa | ccgagggtct | caagcgtgct | cagagccgtt | tcagacagtg | 540 |
| gaaatccatg | acaaacaaaa | ggatgtgatc | attaattgta | aagcgctttg | taaaattcac | 600 |
| atttacaaaa | taataaagtc | agttcaaacc | taaaaaaaaa | aaaaaaaaaa | aaaaa      | 655 |

<210> 2679

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 2679

|            |             |             |            |            |             |     |
|------------|-------------|-------------|------------|------------|-------------|-----|
| gtagagaaca | acctgctgca  | tctggaagac  | ttatgtgggc | agtgtgaatt | agaaagatgc  | 60  |
| aaacatatgc | agtcacagca  | actggagaat  | tacaagaaaa | ataagaggaa | ggaacttgaa  | 120 |
| accttcaaag | ctgaactaga  | tgcagagcac  | gcccagaagg | tcctggaaat | ggagcacacc  | 180 |
| cagcaaatga | agctgaagga  | gcggcagaag  | ttttttgagg | aagccttcca | scaggacmtg  | 240 |
| gascwgtacc | tgtycactgg  | stactctgma  | gattgcagwg | ygygagmyc  | mtwagncagc  | 300 |
| atgtcatcca | tggaagtgaa  | cgtggacatg  | ctggagcaga | tggacctgat | ggacatatcg  | 360 |
| gaccaggagg | ccctggacgg  | tcttctctgaa | ctctggagga | gaagagaaca | ctgtgctgtc  | 420 |
| ccccgcctta | gggcctgaat  | ccagtacctg  | tcagaatgag | attacctctc | aggttccaaa  | 480 |
| tccttcagaa | ttaagagcca  | agccaccttc  | ttcttctctc | acctgcaccg | actcggccac  | 540 |
| ccgggacatc | agtgaggggtg | ggagtcccc   | gttgttcagt | ccgatgagga | ggaagttcag  | 600 |
| gtggacactg | ccctggccac  | atcacacact  | gacagagagg | ccactccgga | tggtgggtgag | 660 |
| gacagcgact | cttaaatggg  | gacatggggc  | ttgtctggcc | acactggaat | ccagtttttg  | 720 |
| ctgtatgcgg | aattccacct  | ggaaagccag  | gttgttttat | agaggttctt | gattttttaca | 780 |
| taattgccaa | taatgtgtga  | gaaacttaaa  | gaacagctaa | caataaagtg | tgaggacggt  | 840 |
| aaaa       |             |             |            |            |             | 844 |

<210> 2680

<211> 415

<212> DNA

<213> Homo sapiens

<400> 2680

|            |             |             |             |            |            |     |
|------------|-------------|-------------|-------------|------------|------------|-----|
| aattccgttg | ctgtcgctgg  | tgatgagatc  | gggaaagtgg  | gctcaggagg | tctggatctg | 60  |
| tgatgagatg | gggaaagtgg  | gctcaagagg  | tctggatctg  | tggtgagatg | ggggaagtgg | 120 |
| gctcaggagg | tctggatctg  | tgatgagatg  | gggraagtgg  | gctcaggagg | tctggatctg | 180 |
| tgatgagatg | gggaaagtgg  | gctcaggagg  | tctggatctg  | tgatgagatg | ggggaagtgg | 240 |
| gctcaggagg | tctggatctg  | kgrtggrrgat | ctggagtgga  | agkggarytc | akkwgktcwk | 300 |
| krtctrtcct | tttgatttga  | ttgaattttt  | tatatatata  | tgtgaallll | cacaataaaa | 360 |
| tttttttcca | aaataaaaata | aacaaaaggg  | gcttttttgca | acccaattcc | tatct      | 415 |

<210> 2681

<211> 647

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(647)  
 <223> n = A,T,C or G

<400> 2681  
 cacaggccct tttgtgatgc gttccacgtg taggagatgt ggtggccgcg gctccatcat 60  
 catatcgccc tgtgtggtct gcaggggagc aggacaagcc aagcagaaaa agcgagtgat 120  
 gatccctgtg cctgcaggag tgcaggatgg ccagaccgtg aggatgcctg tgggaaaaag 180  
 ggaaattttc attacgttca ggggtgcagaa aagccctgtg ttccggaggg acggcgcgaga 240  
 catecaactcc gacctcttta tttctatagc ycaaggctct tcttggggga acwgmewsmg 300  
 tcccagrgcc tgtacgagac gatcaacgtg acgatccccc ctgggactca gacagaccag 360  
 aagattcgga tgggtgggaa aggcaccccc cggattaaca gctacggcta cgagaccact 420  
 acatccacat caagatacga gttccaaaga ggctaacgag ccggcgagcag arcctgatcc 480  
 tgagctacgc cgaggacgag acagatgtgg aggggacggt gaacggcgtc accctcacca 540  
 gctctggaaa aagatccact ggaaactagg ccgggaagca gcagccctc caagggnacg 600  
 ggcacctgng acgacgngag gnttccaqan cagcagcact gagctcc 617

<210> 2682  
 <211> 870  
 <212> DNA  
 <213> Homo sapiens

<400> 2682  
 aattccgttg ctgtcgccag gacctgggg aaaggaagcc agcccccagg gccagtcctcg 60  
 gaggggctga tccgcatcta cagcatgagg ttctgcccct attctcacag gaccgcctc 120  
 gtccctcaagg ccaaagacat cagacatgaa gtggtcaaca ttaacctgag aaacaagcct 180  
 gaatggtact atacaaagca cctttttggc cacattcctg tcctggagac cagccaatgt 240  
 caactgatct atgaatctgt tattgcttat tcttgagtay cwgrayrmyr cytatcywkg 300  
 raggaagctg tttcmatatg acccttatga acgagctcgc caaaagatgt tattggagct 360  
 atttkgtaag gtcccacatt kgacccaagg agtgccctrgt agcgttgaag atgtgggaga 420  
 gaatgcacta atctgaaggc agccctgcgt cagggaattca gcaacctgga agagattctt 480  
 gagtatcaga acaccacctt ctttggtgga acctgtatat ccatgattga ttacctctc 540  
 tggccctggt ttgagcggct ggatgtgtat gggatactgg actgtgtgag ccacacgcca 600  
 gctgcggct ctggatatca gccatgaagt gggacccccc agtctgtgct cttctcatgg 660  
 ataagagcat tttccagggc ttcttgaatc tctattttca gaacaaccct aatgcctttg 720  
 accttgggct gtgctgagtc tcaactgtcca ccccttcgct gtccagaatt cccagcttg 780  
 ttgggagctc acgtcacgga ttgtcttggg aaccaatccg tctctctttc ttttctttga 840  
 agttcccaat aaaatgaaaa caggaaatgt 870

<210> 2683  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2683  
 aattccgttg ctgtcgccca aaccactcc accttactac cagacaacct tagccaaacc 60  
 atttacccaa ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatagtacc 120  
 gcaagggaaa gatgaaaaat tataaccaag cataatatag caaggatcct cctgtttacc 180  
 ctgtacctcc aatgtctggc acctgttagt gctcaaatat tegtgaatg aatgaaaaat 240  
 ccatattgta attgatgtcc tctggccaca tagttttaaa attaggtgat tgattatatg 300

<210> 2684  
 <211> 2672  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2672)

<223> n = A,T,C or G

<400> 2684

|             |             |            |             |            |             |      |
|-------------|-------------|------------|-------------|------------|-------------|------|
| aaaagaaaac  | gagaccaagt  | aataaagcag | aaggaagaag  | aagcacagaa | gaagaaatct  | 60   |
| gacttggaaa  | tagagctatt  | aaaacggcag | cagaagttgg  | agcagcttga | acttgagaag  | 120  |
| cagaaattgc  | aagaagagca  | agaaaatgcc | cccagtttg   | tgaaggtgaa | aggcaatctc  | 180  |
| aggagaacag  | gccaagaagt  | cgcccaagcc | caggagtcc   | aggctgaggc | tgcaccaaga  | 240  |
| cctcgtgtgt  | cacccacag   | agctgtctgt | gggtgccttc  | tcaatctcag | ggcaaaagcc  | 300  |
| cctggagaat  | atttcagcca  | gcagagaatt | ttgacttgca  | gtaggatttg | gtttgatatt  | 360  |
| cctacgatct  | gggtggatgc  | cttgccctgt | acagttgcag  | ttcctattcg | ccaaatgaag  | 420  |
| ggcagtgcgc  | cgcacgtaaa  | gttggaatga | tggacctgtg  | ttcagagact | taacagaacc  | 480  |
| aacaagcaaa  | acaagtgaga  | acaggaaaaa | ggaagaggac  | actggaatca | attcttgaga  | 540  |
| gttgcaactac | ttgggtttttc | ttccattcca | agtttctgtg  | gacccagagc | ctttttcttt  | 600  |
| ttaaaagcta  | aaaaacaagt  | gtttaattcc | tctttttgtt  | atctgttaga | taattgagat  | 660  |
| cacctagaaa  | tgcgtttaat  | ctgttcactc | actgtaaatt  | ttgaggaccc | agaattgtct  | 720  |
| tgtttaattt  | atactttcac  | ccctgttgca | gttaacacca  | gagaaggaac | gtgaatgtcg  | 780  |
| agcacagcca  | ctacccttgt  | tggcacttaa | tttagaaata  | gggtgagaag | tttaaaagcc  | 840  |
| catcttgatt  | ttattttcat  | tccttttgg  | tctctgtgta  | ataatagcag | gctacatagt  | 900  |
| gacattccag  | ttccaagaag  | gtacatccct | tcctattcatt | aattgctttg | attactagga  | 960  |
| gggtttctgt  | tcagttttgt  | ttttaaatgt | cttgcctgat  | tagttctwtc | agatggaata  | 1020 |
| accttccagt  | cccttagaga  | gtggaactag | tcctataaac  | ccagcttcag | tagcaaaagt  | 1080 |
| agaagccgcc  | acatcttttc  | atttctccaa | gaggagagtg  | gggaagggtc | ccatgaccag  | 1140 |
| ctgggcagtc  | aggattttct  | taggcattct | aatgtgaaat  | aagtgtagac | tgctgtcaag  | 1200 |
| gaggcttcat  | cagaagatgt  | atagcatttg | aatgtcta    | gataatgcat | atcattagaa  | 1260 |
| tccaagcttt  | gaaaatttct  | gattaatgtc | catgtatttc  | tttatctttg | tttttctttg  | 1320 |
| tgaagaaaga  | ctttcaccac  | tgtctgagtg | atgatgctgt  | tgataaggat | gatgtcgatg  | 1380 |
| actactatat  | tgcactctct  | aggaacagct | gatgggaagg  | gaggggctgc | tgagttccct  | 1440 |
| tgttctagct  | agcagcacgc  | tcctcagaga | gggggcccag  | ttacagacag | cagccgcatt  | 1500 |
| ctcatgcaaa  | attagtttta  | aactgctagt | gtgggcatcg  | gtaccttttg | cctgggtgat  | 1560 |
| accgaagaat  | tggtgaggat  | ttagtatgct | ccgtagagac  | agttcagcca | gtcattttctg | 1620 |
| cattggagag  | acttctcata  | ctttctttga | agactcatag  | aaagctggat | ctagagcttt  | 1680 |
| tgaatcctta  | attagcacag  | tagaaattag | ctttctatgg  | gaatgcttta | gtgttagcag  | 1740 |
| ttgacaatta  | ggcccatatt  | caatctgaat | gggaacaaaa  | gtaaatgcaa | tgataatata  | 1800 |
| ctgctagtta  | gagaaacatg  | ttagttgatt | atacctgaaa  | tggattattt | atctcatcag  | 1860 |
| caagtattat  | ttgaataaaa  | tgagaaatgc | ttaagaaaaa  | ttgttgctct | atagtaattt  | 1920 |
| ggtttcgaag  | aatggaatgg  | taactatttt | ttcccatcgt  | tcttttgaga | gaaggaagtg  | 1980 |
| tgatgactga  | tgatcttgaa  | aagcccattt | ctgattgcac  | gttgactgga | attctttctt  | 2040 |
| tgtgtctgtg  | gactagcgat  | gctgttttga | aaatgaagat  | tcgggactgg | ctcatatctt  | 2100 |
| tttatctaac  | tagatgtcag  | atcttgaaat | ctgtattctc  | gaagcaattc | tgccacttga  | 2160 |
| tcgtattcac  | aggggccctg  | gtaggctcct | ttagaaggac  | cattttctgt | cctagagctt  | 2220 |
| aactagaatt  | cattcttcac  | tgaaaaaaa  | aaaagtta    | taagaaagca | tttctttcct  | 2280 |
| aatctcactc  | aaatctgcag  | aattatttgt | aattagta    | acaaaatctg | gccaaaagga  | 2340 |
| gacttgtaaa  | tagcgtaaa   | tggtgtctta | tgctaaacgg  | tggaaatgat | aggcagagaa  | 2400 |
| gctctttgaa  | gttgctcagat | gagctgggct | cacaagcctg  | attcaaacag | gctgkcggtc  | 2460 |
| tcctctcacc  | ccttaatact  | gtkgcaagcc | ccaaactccc  | taggactcct | tgaacattct  | 2520 |
| tgagcagttt  | ttgggtgcct  | tgagggcacc | tttttggnc   | aaaaatgggc | tcccattttt  | 2580 |
| ccacagcggg  | gggttttccc  | ttaaaatngg | tttaaagggt  | tttaanaggc | cccntagгна  | 2640 |
| ggaagnnggt  | ggccttcctt  | aaggccaaaa | aa          |            |             | 2672 |

<210> 2685

<211> 1282

<212> DNA

<213> Homo sapiens

<400> 2685

|             |            |            |            |            |             |      |
|-------------|------------|------------|------------|------------|-------------|------|
| aattccggtt  | ctgtcgggtg | ttgacgagct | cgggcgcggt | tttgetgaga | tctgtggccg  | 50   |
| tgggcagctg  | gtgcgggggg | cagctgagag | cgagaggttg | atcgggcgcg | tgtgtggcca  | 120  |
| gggcmrtgac  | gggcaatgcs | gkggagtggt | gcctcatgga | aagcgacccc | ggggtcttca  | 180  |
| ccgagctcat  | taaaggatcc | ggttgccgag | gagcccaagt | agaagaaata | tggagtttag  | 240  |
| agcctgagaa  | ttttgaaaaa | ttaaagccag | ttcatgggtt | aatttttctt | ttcaagtggc  | 300  |
| agccaggaga  | agaaccagca | ggctctgttg | ttcaggactc | ccgacttgac | acgatatctt  | 360  |
| ttgctaagca  | ggtaattaat | aatgcttggt | ctactcaagc | catagttagt | gtgttactga  | 420  |
| actgtaccca  | ccaggatgtc | catttaggcg | agacattatc | agagtttaaa | gaattttcac  | 480  |
| aaagttttga  | tgcagctatg | aaaggccttg | cactgagcaa | ttcagatgtg | attcgacaag  | 540  |
| tacacaacag  | tttcgccaga | cagcaaatgt | ttgaatttga | tacgaagaca | tcagcaaaag  | 600  |
| aagaagatgc  | ttttcacttt | gtcagttatg | ttcctgttaa | tgggagactg | tatgaattag  | 660  |
| atggattaag  | agaaggaccg | attgatttag | gtgcatgcaa | tcaagatgat | tggttcagtg  | 720  |
| cagtaaggcc  | tgtcatagaa | aaaaggrrac | aaaagtacag | tgaaggtgaa | attcgattta  | 780  |
| atttaaatggc | cattgtgtct | gacagaaaaa | tgatatatga | gcagaagata | gcagagttac  | 840  |
| aaagacaact  | tgcagaggaa | cccatggata | cagatcaagg | taatagtatg | ttaagtgtca  | 900  |
| ttcagtcaga  | agttgccaaa | aatcagatgc | ttattgaaga | agaagtacag | aaattaaaaa  | 960  |
| gatacaagat  | tgagaatatc | agaaggaagc | ataattatct | gcctttcatt | atggaattgt  | 1020 |
| taaagacttt  | agcagaacac | cagcagttaa | taccactagt | agaaaaggga | aatataggata | 1080 |
| aaagaacaag  | gtgtgagaag | gaatagaagg | aaacaaacag | gaaagatatg | gctgcaccat  | 1140 |
| gcagtgtctac | tatatgtctg | gattctacag | gatgagattt | ttgaatagct | gagcagttgc  | 1200 |
| ctataatctg  | tgatgacata | aaagtatttg | acctaaaatc | tttttatttg | caaaaataata | 1260 |
| aataaaaagt  | gattctccct | cg         |            |            |             | 1282 |

<210> 2686

<211> 681

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 2686

|             |            |             |            |            |            |     |
|-------------|------------|-------------|------------|------------|------------|-----|
| ggggtctctt  | tccctcgtga | ctcggttget  | cctggcgccg | cgacggggcc | tcacggtcgg | 60  |
| cagtccecgac | gaacccctgc | cgggtggtgc  | cattccagaa | gagctcccga | gacatacttc | 120 |
| tctgcacaga  | catagcctct | cggggcctgg  | accagcactg | gtgtggagct | ggttgtcaat | 180 |
| tatgatttcc  | ccccaacgct | gcaagattac  | atccacagag | cagggagagt | gggccgtgtg | 240 |
| gggagcgarg  | tgccaggcac | cgctcatcagt | tttgtgaccc | atccctggga | tgtgagcctg | 300 |
| gttcagaaga  | ttgagcctgg | cggctcgcgg  | aaggaraagt | cttcnagga  | ctagcatcct | 360 |
| cgggtgaaaga | gcctttgccc | caagcaacct  | gattttgaca | aatctgatta | aaatgtgatg | 420 |
| ctagaacagg  | gatctttccc | agtatcttga  | gtgggtgacc | cacacttgtc | agtgggaggc | 480 |
| tctgggtctg  | ctgtcggctc | cttgaggcg   | ggatgaactg | ctttgtgact | tggaaaggta | 540 |
| cgtgtctggc  | cagcattgga | gaagaagctg  | ctgagcatgg | ctttctgtag | tctttagcaa | 600 |
| gacacaagtg  | gattttgact | ttgtatcatg  | tcatgatttc | taacaataaa | tgatgttttt | 660 |
| atgtgcaaaa  | aaaaaaaaaa | a           |            |            |            | 681 |

<210> 2687

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2687

|            |            |            |             |            |            |     |
|------------|------------|------------|-------------|------------|------------|-----|
| aattccggtt | ctgtcgcgtt | cctgtctgag | ccccaaagcca | cctcagggtc | aagagcaaca | 60  |
| gggccaagag | gatgaagtgg | tcttggttga | agggcccacc  | ctcccagaga | ccccccgact | 120 |
| cttcccactc | aaaatccgtt | gcccggctga | cctggtcaga  | ttgcccctca | ggatgtcggg | 180 |
| gcccctgcag | agtggtggtg | accacatggc | cacccacctt  | ggggtgtccc | caagcaggat | 240 |

ccttttgett tttggagaga cagagctatc acctactgcc actcccagga ccttaaagct 300

<210> 2688  
 <211> 964  
 <212> DNA  
 <213> Homo sapiens

<400> 2688  
 aattccgttg ctgtcgtga aggtcatcag gcagtctgct gggcaaaaga caacctgtgg 60  
 ccagggtctg gaagggccct gggagcgccc acccctctg gatgagtcg agagagatgg 120  
 aggctctgag gaccaagtgg aagaccagc actaagttag cctggggagg aacctcagcg 180  
 ccttccccc tctgagcctg gcacataggc acccagcctg catctcccag gaggaagtgg 240  
 aggggacatc gctgttcccc agaaacccac tctatctca cctgttttg tgctcttccc 300  
 ctgcctgct agggctgagg cttctgactt ctagaagact aaggctggtc tgtgtttgct 360  
 tgtttgccc cctttggctg ataccagag aacctgggca cttgctgcct gatgccacc 420  
 cctgccagtc attcctccat tcaccagcg gaggtgggat gtgagacag ccacattgga 480  
 aatccagaa aaccgggaac agggatttgc ccttcacaat tctactcccc agatcctcty 540  
 ccttggrcac aggagaccca cagggcagga cctaagatc tggggaaaagg aggtcctgag 600  
 aaccttgagg tacccttaga tctttttcta ccaatttcc tatggagyat tccaagtcac 660  
 cactctctc accggcttct accagggctc aggaactaagg cgtttttctc catagcctca 720  
 acattttggg aatcttccct taatcaccct tgctcctcct gggcgcttg aagatggact 780  
 ggcagagacc tctttgttgc gttttgtgct ttgatgccag gaatgccgc tagtttatgt 840  
 ccccggtggg gcacacagcg gggggcgcca ggttttctt gtccccagc tgctctgccc 900  
 ctttccctt cttccctgac tccaggcctg aacctctccc gtgctgtaat aaatctttgt 960  
 aaat 964

<210> 2689  
 <211> 635  
 <212> DNA  
 <213> Homo sapiens

<400> 2689  
 ccgcactata gaatacaagc tacttgttct ttttgcagga tcccatcgag aaaaaactgg 60  
 ccattgcagaa gtggtccgag tgggtgtacca gccagaacac atgagttttg aggaactgct 120  
 caaggtcttc tgggagaatc acgaccagc ccaaggtatg cgccagggga acgaccatg 180  
 gcactcagta ccgctcgcc atctaccgca cctctgccaa gcaaatggag gcagccctga 240  
 gctccaaaga gaactaccaa aaggttctt cctagcacgg cttcgccccc atcactaccg 300  
 acatccggga gggacagact ttctactatg cggaagacta ccaccagcag tacctgagca 360  
 agaaccccaa tggctactgc ggccttgggg gcaccggcgt gtcttgccca gtgggtatta 420  
 aaaartaatt gctccccaca tgggyggcct ttgaggttcc agtaaaaaatg ctttcaacaa 480  
 atgggcaatg cttgtgtgat tcacaatcgt ggcatttaaa gtgcacaagt acaaggatt 540  
 tatacagatt ggkttaccgm agtataatct ataggaggcg cgatggcagt gataaatgtg 600  
 acttatctcc taataagtat ggggggtgga gctgt 635

<210> 2690  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 2690  
 agcaaatgtg ggaactgcca aaccaaactg cagcacatcg acggcgtacc tcacctcatc 60  
 ctcacgcct cccagagacat cgcggctggg gaggagctcc tgtatgacta tggggaccgc 120  
 agcaaggctt ccattgaagc ccaccgctgg ctgaagcatt aaccggtggg ccccgctccc 180  
 tccccgccc actttccctt cttcaaaagg caaagtgcct tcaaaggga ttgaattttt 240  
 tttttacaca cttaattctta ggggattact tcagatgttt ttaaaaagta tattaagatg 300

<210> 2691  
 <211> 300

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 2691  
caaatgtggg aactgccaaa ccaaactgca cgacatcgac ggcgtacctc acctcaccct 60  
catcgccctc cgagacatcg cggtctggga ggagctcctg tatgactatg gggaccgcag 120  
caaggcttcc attgaagccc acccgtggct gaagcattaa ccggtgggccc ccgtgccctc 180  
cccgccccac ttccctttct tcaaaggaca aagtgccttc aaagggaatt gaattttttt 240  
tttacacact taattcttagc ggattacttc anatgttttt aaaaagtata ttaagatgcc 300

<210> 2692  
<211> 676  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(676)  
<223> n = A,T,C or G

<400> 2692  
cttgaatccc ttgaccttac tgatgagaaa aaggctcctg agtgggctca ggagaagcgt 60  
aagctgagcg tgttgcatat tcacggagtc tacaccaacc ctagtggcat tgtccttcat 120  
ccggctggat atcagaacgt gctcaggaac actgaagtca tgagagaaat tcagaaactc 180  
tacgaaaaca agtcatttct ttccctgggc tgtggctgga ctgtggatga caccactttc 240  
caggcccttt tcttgagggc tgtcaagcat aaatctgacc tagaacattt catgctggtt 300  
cggagaggag acgtagatga gttcaaaaag cttcgagaaa acatgctgga caaggggatt 360  
aaagtcactt cctatggaga tgactatgcc gatcttccag aatatttcaa gcgactgaca 420  
tgtgagatct ccacaagggg tacatcaggg atggtgagag aaggtcagct aaatggctca 480  
tctgcagcac acagtgaat aagaggctgt agtacatgag cgagctagag aaatcaccac 540  
cgtttangac caagctgtaa ggccctacta cagacagtgt ttaacaagta aactttacaa 600  
gaacccaaca caattcccca gaaagtnacc aatagccnga ggttgnaggg nccgggggtg 660  
aacaacgggg ggnatg 676

<210> 2693  
<211> 829  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(829)  
<223> n = A,T,C or G

<400> 2693  
aattccgttg ctgtcgctta cttctcacac ccagccatcc gctatcacc tcaggagacg 60  
ctgaaagaat ttgtccaaact tgtctgcctt gatgctgggtc agcaggctgg acaggtgggg 120  
ttcctcaatc ccaatgggag cagccaaggg aaggtgcaca acccattcct tccccccca 180  
atqttgccac cggcaccgccc accaccgatg gccaggcctg tgccctctgcc ggtgccagac 240  
acaaagcctc caaccacgtc aacagaagga ggtgcagcct cccccacgtc accaatcctr 300  
ctcgacaccc agcacctccc ccgcaaaccc attcgtcagt gttggaccac gggatccaag 360  
ctttgtaaat atccctcaac agacacagtc ctgggtacctg ggataaaaagt tgcagcgtcc 420  
caccatccac cagacagacc acctgayccc ttctcaactc tgtaacatgg acgcaacctc 480



|            |            |            |            |             |            |     |
|------------|------------|------------|------------|-------------|------------|-----|
| aacccagcgc | agttacaact | tcactatcag | cggaagggga | gaaaaaccga  | ttcaaatcaa | 540 |
| cttgtagatg | gaaacagcaa | gcattatggg | caaacagcaa | aggccataac  | cttttgggat | 600 |
| tttttttttt | ttaaaatact | ttagggactg | ttgtaatttc | tcatatgggtg | ctggaaatgg | 660 |
| ttgggctttg | taacatttga | agtgtttcca | tggtarcgtg | amathtaggt  | tgacgtggct | 720 |
| aagccggagg | gactaacctt | tgtcactga  | cttcctgttg | taaacacttt  | ccttamgggg | 780 |
| cctgggctgt | tttcacagta | atttcnatga | aatttaccoc | acacaggtg   |            | 829 |

<210> 2694

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 2694

|            |            |            |             |            |            |     |
|------------|------------|------------|-------------|------------|------------|-----|
| cggatatect | ctccctcctc | aaacttttct | ccaaccaactt | tagcatctgg | ttgccaccct | 60  |
| ccaaaatggc | cccagtgate | ccatctccta | ataagtagat  | gtctgtgtgg | tcctctccya | 120 |
| cactgcatag | gaatggctta | cgtaaccaat | aggtagttga  | ggatgtgatg | cagtctgact | 180 |
| tttgaggcta | agttgtaaag | aaagacactg | tgtctttcct  | ccttggtgtc | ttggagcgct | 240 |
| tgtctctngg | gaaagccaga | ggttcatgtt | cgtgagggat  | aacttcaagt | tgncattttg | 300 |
| ggagaggtgn | acattgggtg | aaggaaatga | aggnccctaac | tggccaattg | nacccatgtt | 360 |
| aaagttnagt | ccaaccaagg | gnagattatt | taccca      |            |            | 396 |

<210> 2695

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 2695

|             |            |            |             |             |            |     |
|-------------|------------|------------|-------------|-------------|------------|-----|
| ggctttctgca | accaggaccg | gaggacactc | ccggggggggc | agcctcccc   | ccgggtgttt | 60  |
| ctggccgtgt  | ttgtggaaca | gcctactcag | tttctgcccc  | gcttctctgca | gcggtgtgta | 120 |
| ctcctggact  | atccccccga | cagggtcacc | cttttctctg  | acaacaacga  | ggtcttccat | 180 |
| gaacccccaca | tcgttgactc | ctggccgcag | ctccaggacc  | acttctcagc  | tgtgaagctc | 240 |
| gtggggccgg  | aggaggtctt | gagcccaggc | gaggccaggg  | acatggccat  | ggacctgtgt | 300 |
| cggcaggacc  | ccaggtgtga | gttctacttc | agcctggacg  | ccgacgctgt  | cctcaccaac | 360 |
| ctgcagaccc  | tgcgtatcct | cattgaggag | aacaggaagg  | tgatcgnccc  | catgtgtgnc | 420 |
| cgncacggna  | agcttgtggg | ccaacttctg | ggggcgccct  | gagcccc     |            | 467 |

<210> 2696

<211> 706

<212> DNA

<213> Homo sapiens

<400> 2696

|            |             |            |            |            |            |     |
|------------|-------------|------------|------------|------------|------------|-----|
| gtcggctctt | cctatcattg  | tgaagcagaa | ttcaccaagc | gttggattgt | tcacccacta | 60  |
| atagggaaag | agaqccgaac  | agctgaagag | agttcactga | ctccccagcc | ccagggtggg | 120 |
| cttgtagaca | tcattgaccag | ttttgaagat | gctgacacag | aagagacagt | aacttgtctc | 180 |
| cagatgacgg | tttaccatcc  | tggccagttg | cagtgtggaa | tatttcagtc | aataagtttt | 240 |
| aacagagaga | aactcccttc  | cagcgaagtg | gtgaaatttg | gccgaaattc | caacatctgt | 300 |
| cattatactt | ttcaggacaa  | acaggtttcc | cgagttcagt | tttctctgca | gctgttttaa | 360 |

|             |            |            |             |            |            |     |
|-------------|------------|------------|-------------|------------|------------|-----|
| aaattcaaca  | gctcagttct | ctcctttgaa | ataaaaaata  | tgagtaaaaa | gaccaatctg | 420 |
| atcgtaggaca | gcagagagct | gggctaccta | aataaaatgg  | acctgccata | caggtgcatg | 480 |
| gtcagattcg  | gagagtatca | gtttctgatg | gagaagggaag | atggcgagtc | attggaattt | 540 |
| tttgagactc  | aatttatatt | atctccaaga | tcactcttgc  | aagaaaacaa | ctggccacca | 600 |
| cacagrbcca  | taccggagta | tggcacttay | tcgctctgct  | cctcccaaag | cagttctccg | 660 |
| acagaaatgg  | gatgaaaatg | agtcatggac | acagaaagtc  | taaagg     |            | 706 |

<210> 2697  
 <211> 566  
 <212> DNA  
 <213> Homo sapiens

|            |            |            |            |            |            |     |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 2697 |            |            |            |            |            |     |
| cagctcctcc | accagcataa | tgggacccag | catccctgcc | aaaactcggg | aggtgctcgt | 60  |
| cagccacctg | gcattctaca | acacatgggc | tttacaaggc | atgtatggag | tttcttgtgg | 120 |
| gcttsgsagg | tgsyygtsaa | ggccaycwgy | gatctkaagc | cwryacwtgs | scytymcmag | 180 |
| gtcctgtgag | tggagaggca | cagagtgttc | tgggctagct | gagtgtggag | gctgggtggc | 240 |
| tctgatgcta | gccaatcact | ctacgctcta | ggctcacacc | tttccaccty | cgacttcgcc | 300 |
| agcagaagtc | ttgagttcaa | tctcattgcc | ctggcttggg | tcacatgtcc | atccalgaac | 360 |
| caatcactag | actgggtgcg | gaaactctga | tttgccaagt | tcgggtcatg | tgtctcacta | 420 |
| ggtaagagca | gaggaggatc | acccccagga | agaccagagt | gctctttcag | aagagtggga | 480 |
| caatcgctgg | atggctcttt | gcaccactca | ctcctgttct | ctgctagggc | tgctgggact | 540 |
| cacaaggggt | aggttgtggc | agctgc     |            |            |            | 566 |

<210> 2698  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

|            |            |            |             |             |             |     |
|------------|------------|------------|-------------|-------------|-------------|-----|
| <400> 2698 |            |            |             |             |             |     |
| ttgaaattac | aaatcacgca | actgcaacac | tagaaggcaa  | tcagattttt  | aacaaccggg  | 60  |
| ttggaggctt | atttttagca | tctgggtgta | atgtgacaat  | gaaagataac  | aaaataatga  | 120 |
| acaatcaaga | tgccatagaa | aaggctgtta | gtagaggcca  | atgtttatat  | aaaatatcaa  | 180 |
| gttataccag | ctatcccatg | catgatttct | acagatgtca  | tacttgtaac  | accacagatc  | 240 |
| gaaatgccat | atgtgtgaac | tgcattaaga | agtgccatca  | gggacatgat  | gtagagttta  | 300 |
| ttagacatga | taggtttttc | tgtgactgtg | gtgctggaac  | actgtctaat  | ccttgtacat  | 360 |
| tagctggtga | gctacacatg | atacagatac | actatatgac  | tctgctccac  | ctatagaats  | 420 |
| taatacattg | cagcacaact | gaattccttc | cctaaagaaa  | aagtcctctg  | ccatttggtaa | 480 |
| catccataac | tttaaaacac | tttttttgga | agaagattta  | aaatatattg  | gcccattggc  | 540 |
| acagggaaga | gactggtatt | aaaaatggga | tacaccaggt  | cagttgacac  | ctatggaagc  | 600 |
| ctccaagcta | cccaaaaagg | aaagtggggc | natatatattg | actccnggga  | tctccnaagc  | 660 |
| ctgggggtgn | tttaggcatt | accggggggg | aaagaccttt  | gaagggggcca | gaagttggag  | 720 |
| gaaataagcc | ggccattttg | gtncggatcc | caccttctgg  |             |             | 760 |

<210> 2699  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(273)  
 <223> n = A,T,C or G

<400> 2699  
 gggatccccga gctgtcctgc agctgtaccc tgagaactca gagcagttgg agctgatcac 60  
 aacccaggcc acaaaggcag gctttctccg tggcatgggtg gtagactacc ctaacagtgc 120  
 canntatan naatnttctt ttgttttnana tntgaccttn ttncnntnnt nctnttngct 180  
 ntntatnnac ttnttcnaaa nctncttngn gtgntcngtt ctatctatnt atnttntntc 240  
 tcntttctnt tntgnanctt tgattntatt tat 273

<210> 2700  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 2700  
 gttaacaagc gtcatgaaca ggatgcacgt ggtcagcgtc ccctacgcgc tgatgaaggc 60  
 gaacccactc tcttggatcc agaaagtgtg cttctataaa gctcggggcg cgttgggtgaa 120  
 gtcgcgagac atgcactggg ctctcctagc tcagcggggc cagagggagc tcagcctcag 180  
 ctactgcgc atgctgattg tggccgatgg tgccaacccg tggtcgatct cctcctgtga 240  
 cgcttctc aacgtcttcc agtcagagg tctgaggcca gaggtcatct qtccttgtgc 300  
 aagttctcct gaggcgtga cttgtcggca tccg 334

<210> 2701  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 2701  
 ggtagaagca gcaaagaaag cccaccatgc agcgtgcaaa gaggagaagc tggctatckc 60  
 rcrwgaagcc aacagcaagg cagacccatc cytcaaccct kaacagctca agaaattgca 120  
 agacaaaata gaaaagtgc agcaagatgt tcttaagacc aaagagaagt atgagaagtc 180  
 cctsaaggaa ctgcaccagg gcacacccca gtacatggag aacatggagc aggtgtttga 240  
 gcagtgccag cagtctgagg agaracgcct tcgcttytcc cgggaggttc tgcttgagg 300  
 ttcaag 306

<210> 2702  
 <211> 1078  
 <212> DNA  
 <213> Homo sapiens

<400> 2702  
 ggtgaatgcc acacccttca agattgctcg aggccagatc ttgaagatac tcacagggaa 60  
 gatagtgggtg gggcatgcc tccacaacga cttcaagacc cttcagtact ttcaccccaa 120  
 gtccctcacc cgtgacacct cccatmkscm csmsctcaac cgggaaggctg actgcccgga 180  
 gaatgccacc atgtctctga agcatctcac caagaagctg ctaaaccggg atatccaggt 240  
 tgggaagagc ggacattcct ctgtggaaga tgcccaggcc accatggagc tatataagtt 300  
 ggttgaagtc gagtgggaag agcacctagc ccggaatccc cctacagact agtggcartg 360  
 gggacgctgg tgatatgagg aggcagaggc agcaccacagg agaaacaggg cagtggacca 420  
 atggacagct ccaccagctc cacatctttg gaagctagat ttggggagag agaagctcta 480  
 ccccagactt aataccatt gaaatttcac ctcagggtgt gtgtcctgtg tctggttaag 540  
 tgtcccatgg aaggggaaag ccttcacgtc agaaccacac cctatacctt ttactttcta 600  
 aatggtgcta acacaggtgt cccaggggtg tctgtgccag ttaagatttt taactttcaa 660  
 ggggcagggc atactgggaa atgtagtctt ccaaactgcc ttatcacttg ggtggacata 720  
 tgtctctttt tatgcctttt ggtcttgagt aattaacagc atcctcttcc acgtcagaa 780  
 gtgttctgtt tggggccagg catggtggct caagcctgta gtrcccaacac ttagyagggc 840  
 cgaggcgggc ggatcacctg agatcaggag ttcaagacca gcttgcccaa catggcgaat 900  
 tcccgttctc tactaaaaat acaaaaaatg tgtggggtgt ggtggcagga gctgtaatc 960  
 ctactactc aggaggctga ggcaggagaa tcgcttgagc ccaggaggcg gagattgcag 1020  
 tgagccgaga tcgtgtcact gcactccagc ctgggtgaca agagtggat ccgtctcc 1078

<210> 2703  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2703  
 ccgtgggact agggcggcga tgggtgtccca tgcagagtgc cgtcctctgg gagtgtttga 60  
 gtgtgaactc tgtacnttga cagctccgta cagctatgtg ggacagaagc cccccaacac 120  
 ccagtcgatg gtgaatgcag tttattctac tccaagagat tctgctccc ttgtgtccgg 180  
 gagaacatca atgcttttcc tcaggaaatt cggcaagact tggagaaaag gaaagctcca 240  
 tcaaagagga ccccagcca gcccggttct cggacgtgag tgcaactggg gctaggtcat 300

<210> 2704  
 <211> 441  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(441)  
 <223> n = A,T,C or G

<400> 2704  
 ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca 60  
 ttcagcagaa ggtcagtaaa ggcacgacc ctctcaagt cctctcgccg gacatggtcc 120  
 cgccttcgga gagaggcacg cccggcccgg acagttcagg ctctctcgcc tccggggagt 180  
 ttactggcgt gaaggagctt gattgacatc agtcaagaga ttgccagtt acaaagagag 240  
 aaatattcac tggaacaaga cattcgagaa aaggaagagg caatcatgac agaaaaccag 300  
 cgaggtgcag gaattacaaa atgacctaga ccgggaaaca agcagtttnc aggagctcga 360  
 ggctcagaaa caggatgctc aagaccgctt ggncgagatn gaccagcaga aggccaagct 420  
 ncgagacatg ctnagcgacg t 441

<210> 2705  
 <211> 439  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(439)  
 <223> n = A,T,C or G

<400> 2705  
 ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca 60  
 ttcagcagaa ggtcagtaaa ggcacgacc ctctcaagt cctctcgccg gacatggtcc 120  
 cgccttcgga gagaggcacg cccggcccgg acagttcagg ctctctcgcc tccggggagt 180  
 ttactggcgt gaaggagctt gatgacatca gtcaagagat tgcccagtta caaagagaga 240  
 aatattcact ggaacaagac attcgagaaa aggaagaggc aatcagacag aaaaccagcg 300  
 aggtgcagga attacaaaaat gacctagacc gggaaacaag cagtttncag gacctcgagg 360  
 ctcagaaaca ggtatgctca gaccgcttgg ncgagatnga ccagcagaag gccaaagctnc 420  
 gagacatgct nagegacgt 439

<210> 2706

<211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 2706

|                                                                    |     |
|--------------------------------------------------------------------|-----|
| gggactcggtt accatcactc ccaccacagg ctccgatggg cgcccagatg cccgggtccg | 60  |
| cctcgaccgc agcaagatcc ggtctgtggg caagcctgct ctagagcgct tctgaggag   | 120 |
| acttcagggtg ctgaagtcca caggggatgt ggccggaggg cgggccctgt acgaggggta | 180 |
| tgcaacggtc actgatgcgc cccccgagtg ctctctcacc ctcagggaca cgggtgctgct | 240 |
| gcgtaaggaa tctcggaagc tcattgttca gcccaacact crccttgaag gctcagacgt  | 300 |
| gcag                                                               | 304 |

<210> 2707  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(921)  
 <223> n = A,T,C or G

<400> 2707

|                                                                   |     |
|-------------------------------------------------------------------|-----|
| gaaattctgg tctcccttc cgagcaacgt ttgcaacgat gagaggatgg ctgcaggaaa  | 60  |
| cggcaatgag gatgactgtt ggaatgggaa aggcaaaagc aggtacctgt ttgcagtgc  | 120 |
| aggaaatgga ttagccaacc agggcaacaa cccagaggtc caggttgaca ccagcaaacc | 180 |
| agacatactg atccttcgtc aaatcatggc tcttcgagtg atgaccagca agatgaagaa | 240 |
| tgcatacaat gggaacgacg tggacttctt tgatatcagt gatgaaagta gtggagaagg | 300 |
| aagtggaggt ggctgtgagt atcagcagtg cccttcagag tttgactaca atgccactga | 360 |
| ccatgctggg aagagtgcc aagagaaagc cgacagtgtc ggtgtccgtc ctggggcaca  | 420 |
| ggcctacctc ctcactgtct tctgcattct gtctctgggt atgcagagag agtggagat  | 480 |
| aattctcaaa ctctgagaaa aagtgtttca tcaaaaagtt aaaaggcacc agttatcact | 540 |
| ttctaccat cctagtgcact ttgcttttta aatgaatgga caacmatgta cagtttttac | 600 |
| tatgtggccc actggtttaa gaagtgtgta ctttgttntc tcattcagtt ttgggaggaa | 660 |
| aagggactgt gcattgagtt ggttccctgc tccccaaac catgttaaac gtggctaaca  | 720 |
| gtgtaggtag agaactatag ttagttgtgc atttgtgatt ttatcactct attatttgtt | 780 |
| tgtatgtttt tttctcattt cgtttgtggg tttttttt ccaactgtgat ctgccttgt   | 840 |
| ttcttacaag caaacaggg tcccttcttg gcacgtaaca tgtacgtatt tctgaaatat  | 900 |
| taaatagctg tacagaaaaa n                                           | 921 |